

FIG. 1

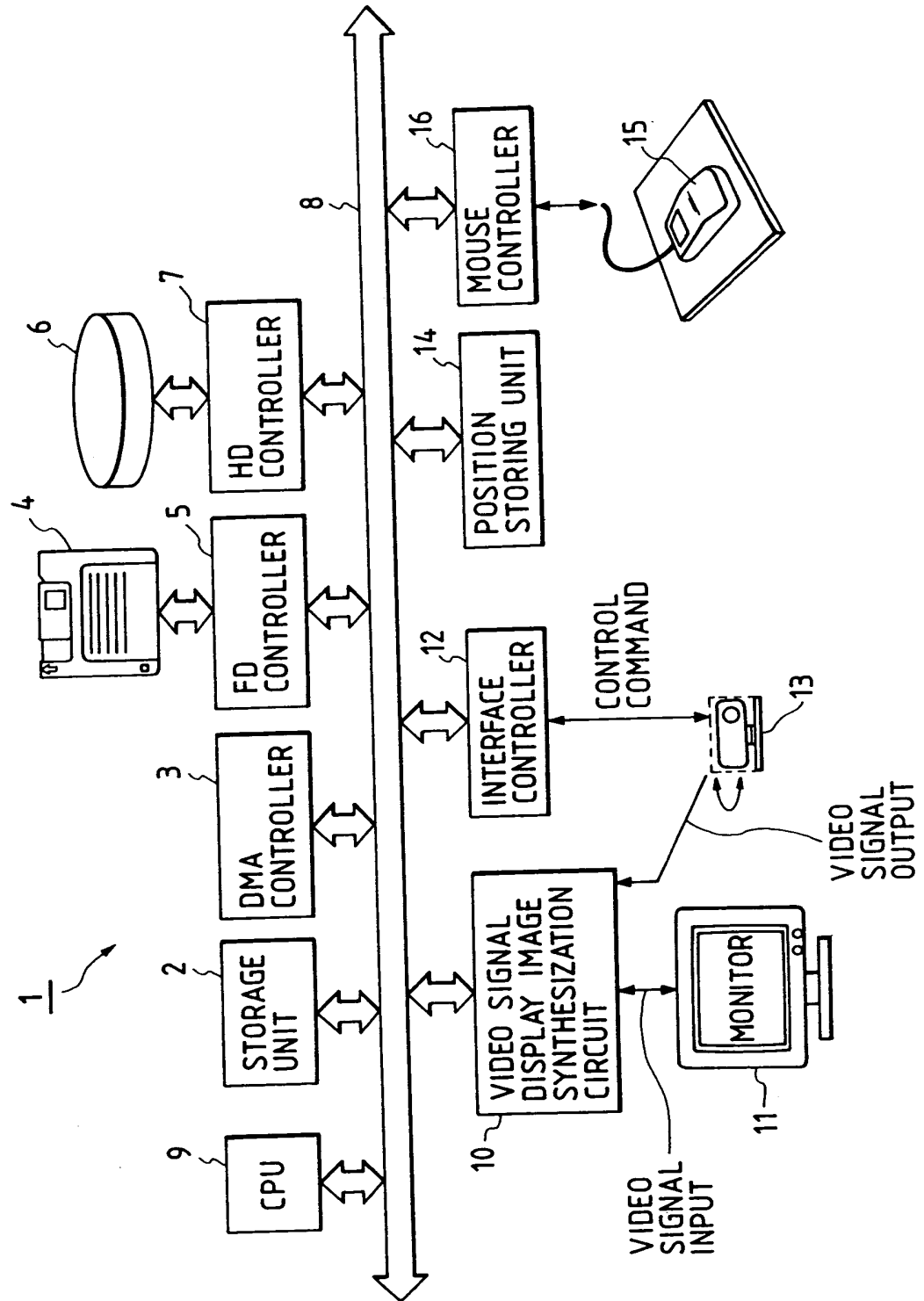


FIG. 2

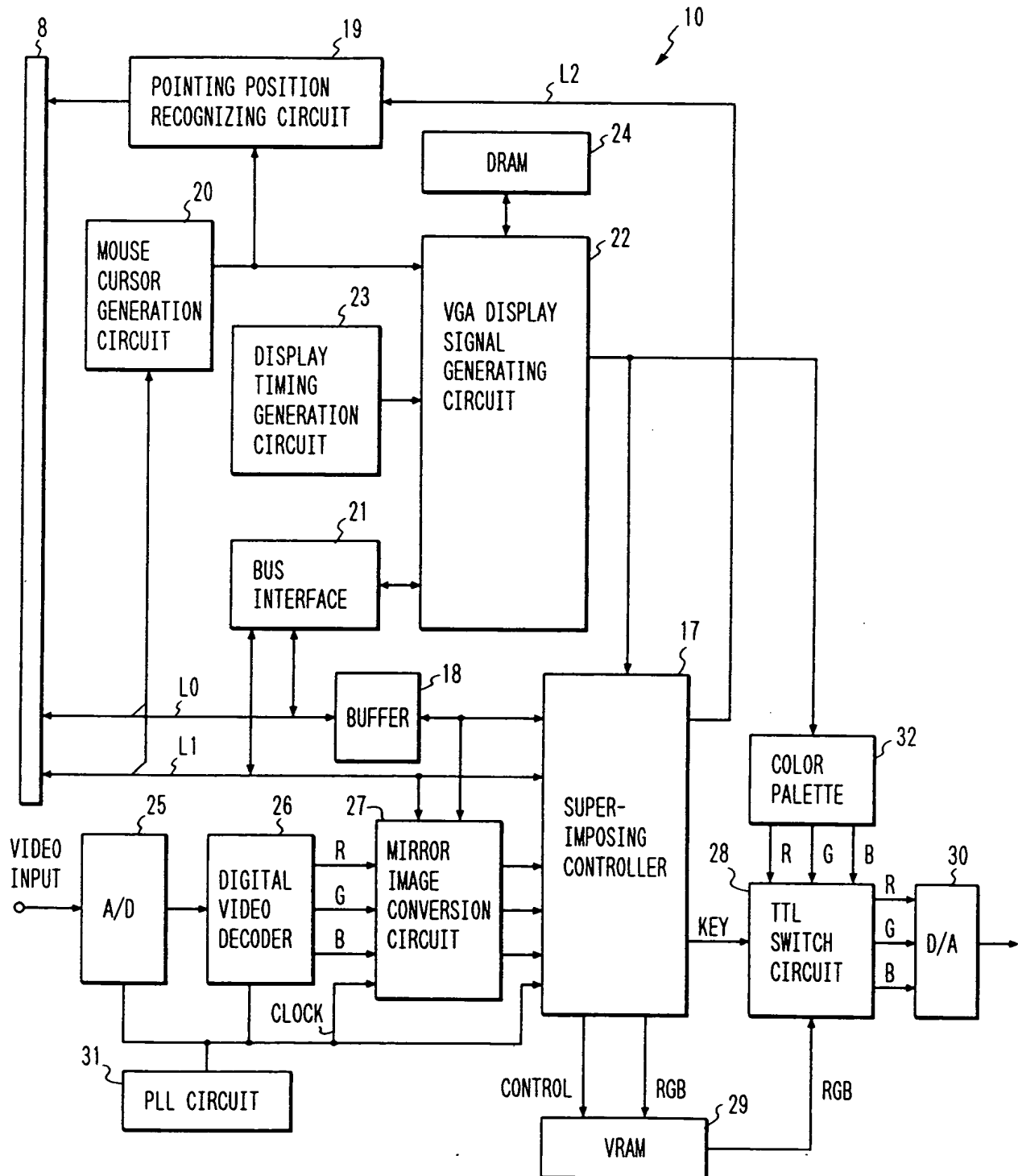


FIG. 4

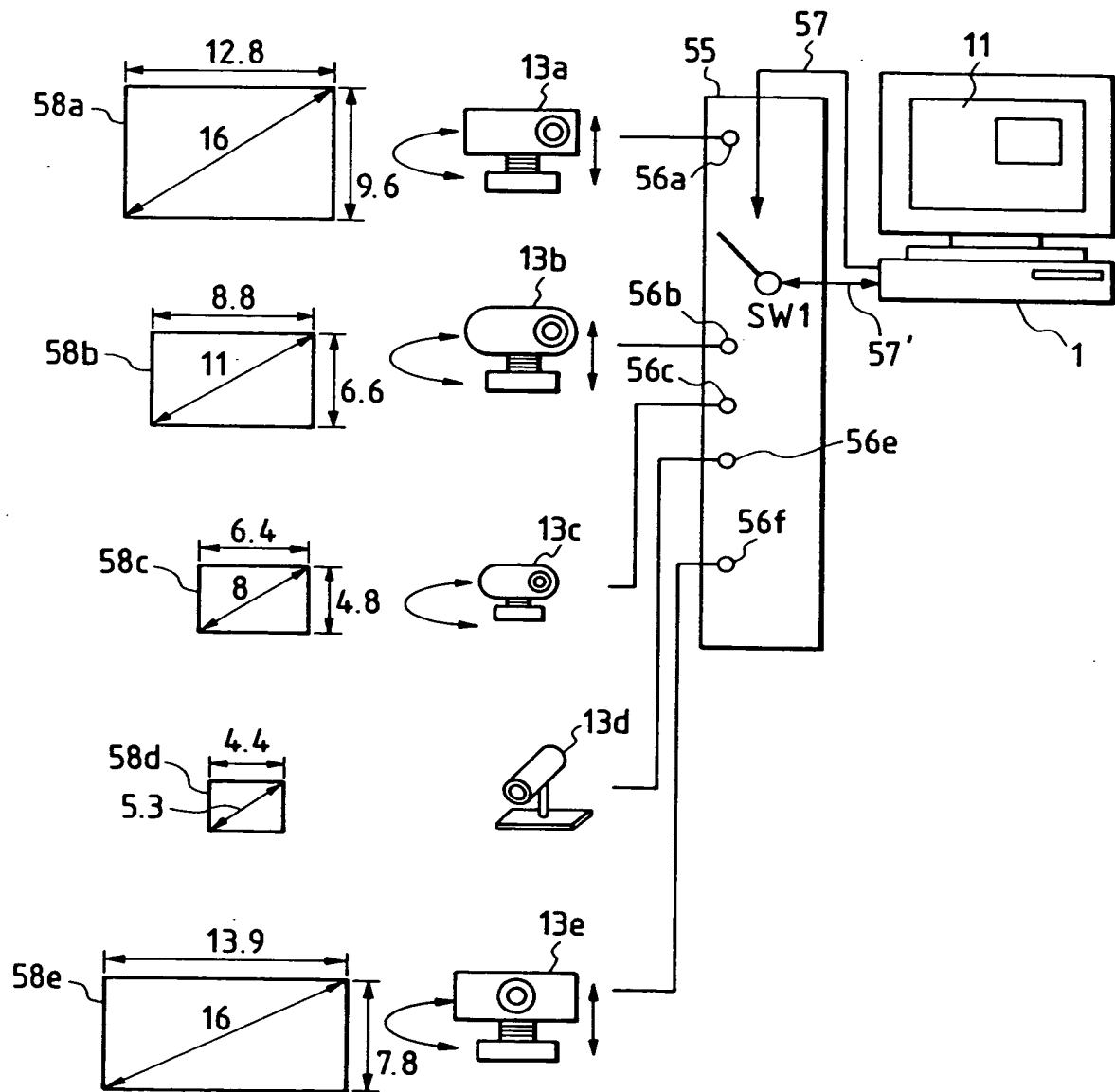


FIG. 5

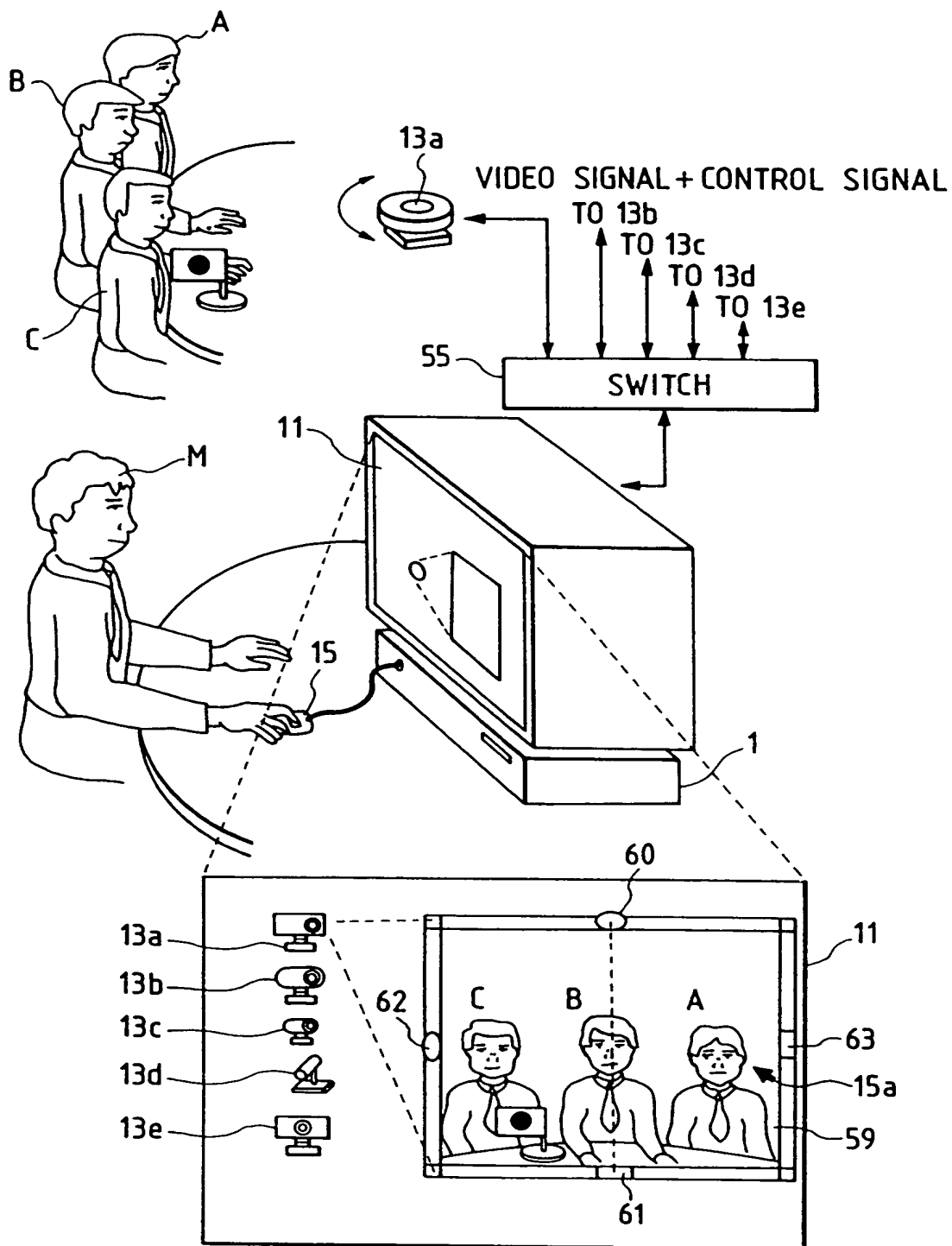


FIG. 6A

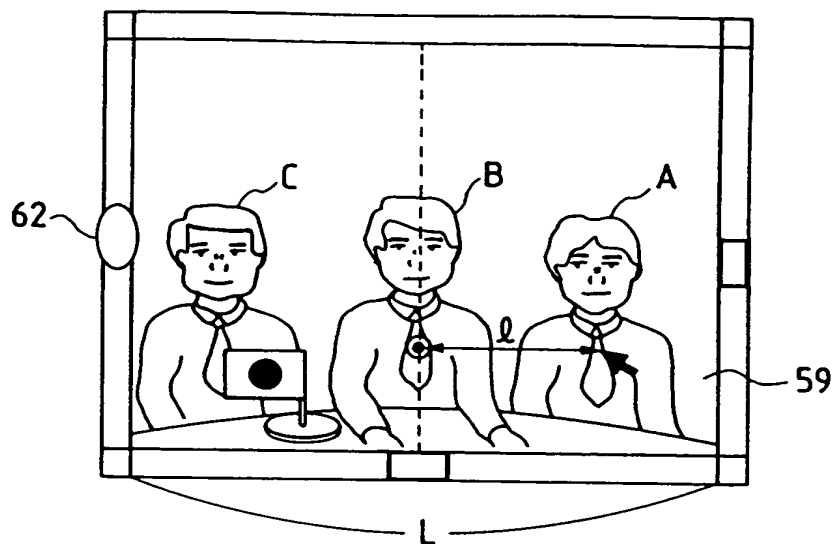


FIG. 6B

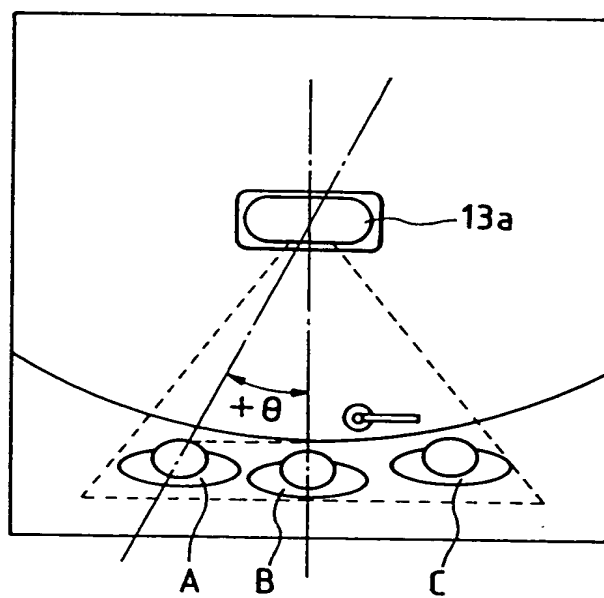


FIG. 7

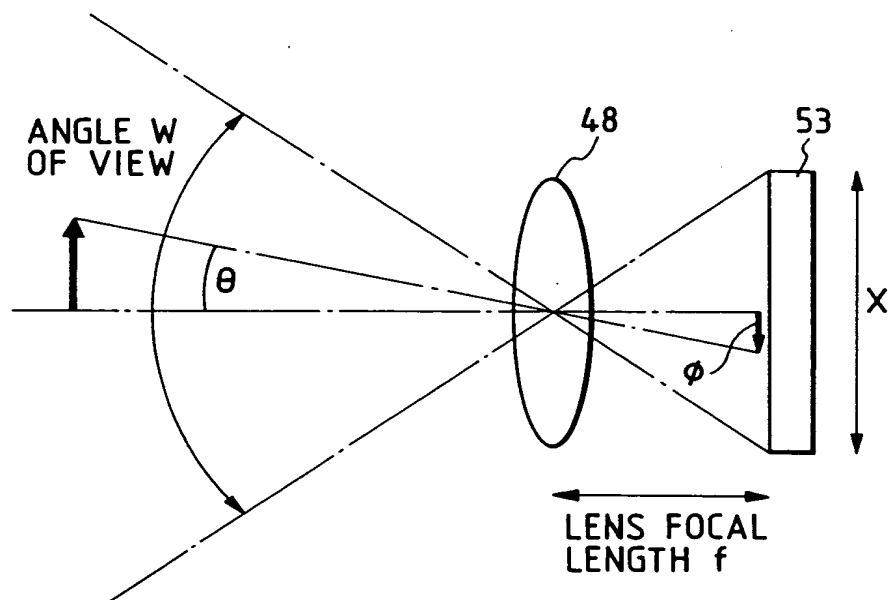


FIG. 8

:	APPARATUS TO BE CONTROLLED	KINDS OF OPERATION COMMANDS		-----
---	----------------------------	-----------------------------	--	-------

APPARATUS TO BE CONTROLLED : V11--VIDEO CAMERA 13a
V12--VIDEO CAMERA 13b

⋮

OPERATION COMMANDS

:F0--FOCUS MODE AUTO SETTING
F1--FOCUS MANUAL SETTING
F2--FOCUS POSITION LONG DISTANCE SETTING
F3--FOCUS NEAR DISTANCE SETTING
E0--IRIS MODE AUTO SETTING
E1--IRIS MANUAL SETTING
E2--IRIS LIGHT AMOUNT REDUCING MODE SETTING
E3--IRIS LIGHT AMOUNT INCREASING MODE SETTING
E5--IRIS LIGHT AMOUNT ABSOLUTE VALUE DESIGNATION
(USE EXTENSION)

I0--INITIALIZATION REQUEST
T0--STATUS SIGNAL RETURN REQUEST
T1--FUNCTION INFORMATION REQUEST COMMAND

Z0--ZOOM-UP SETTING
Z1--ZOOM-OUT SETTING
Z2--SETTING OF ZOOM MOVEMENT TO STORED POSITION
(USE EXTENSION)
Z5--ZOOM ABSOLUTE POSITION MOVEMENT
(USE EXTENSION)

U0--TRIPOD PAN CLOCKWISE ROTATION SETTING
U1--TRIPOD PAN COUNTERCLOCKWISE ROTATION SETTING
U2--TRIPOD TILT UPPER DIRECTION SETTING
U3--TRIPOD TILT LOWER DIRECTION SETTING
U4--DIRECT MOVEMENT TO STORED POSITION (USE EXTENSION)
U5--TRIPOD PAN DIRECTION ABSOLUTE ANGLE DESIGNATION
(USE EXTENSION)
U6--TRIPOD TILT DIRECTION ABSOLUTE ANGLE DESIGNATION
(USE EXTENSION)

FIG. 9

:			
	CAMERA APPARATUS NUMBER	KINDS OF INFORMATION CA	STATUS CODE

M0: OPERATION FINISHED
M1: NOW OPERATING

FIG. 10

:					
	CAMERA APPARATUS NUMBER	KINDS OF INFORMATION CA	SENSOR SIZE	HORIZONTAL MOVING RANGE ANGLE	VERTICAL MOVING RANGE ANGLE
					VIDEO SIGNAL FORM

FIG. 11

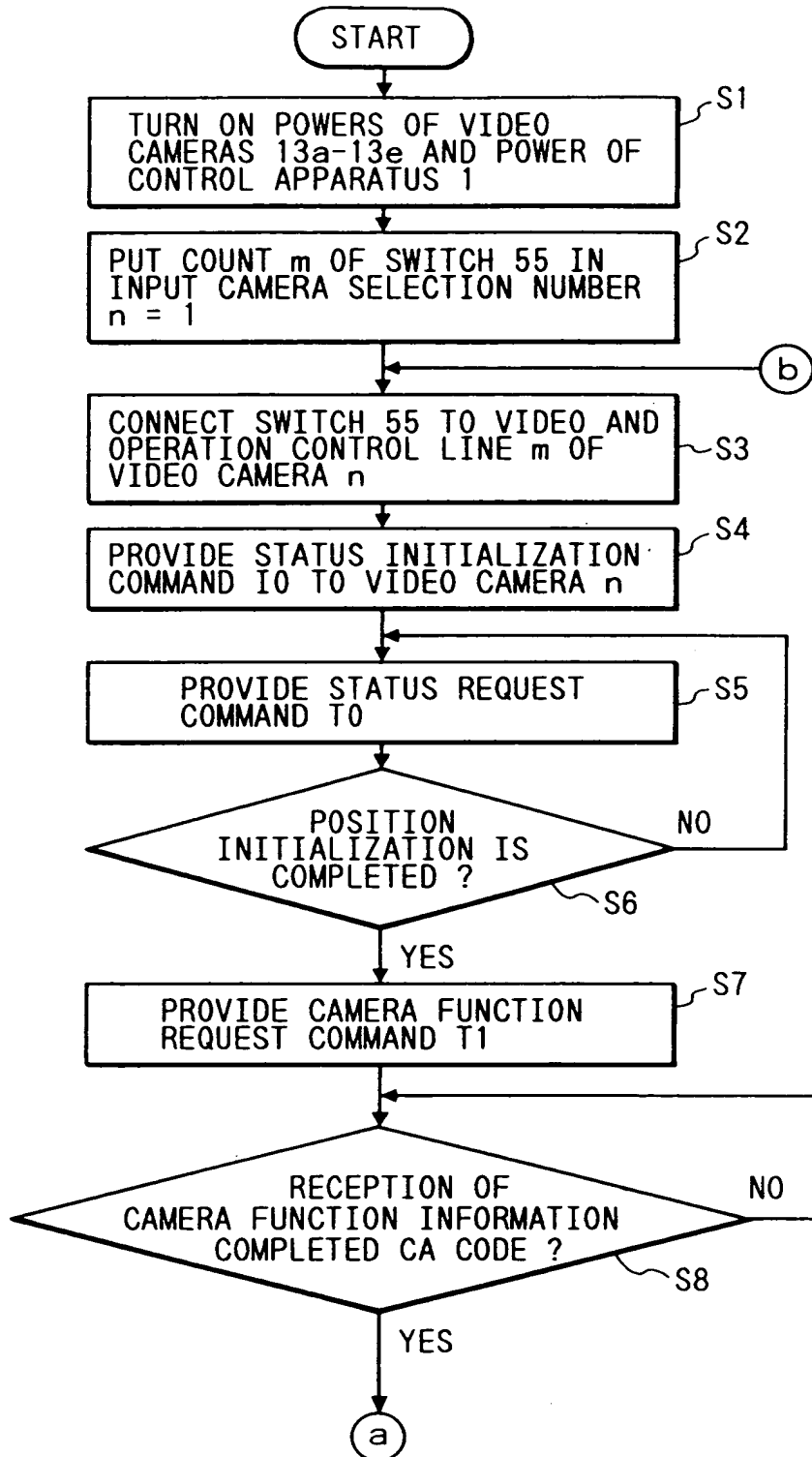


FIG. 12

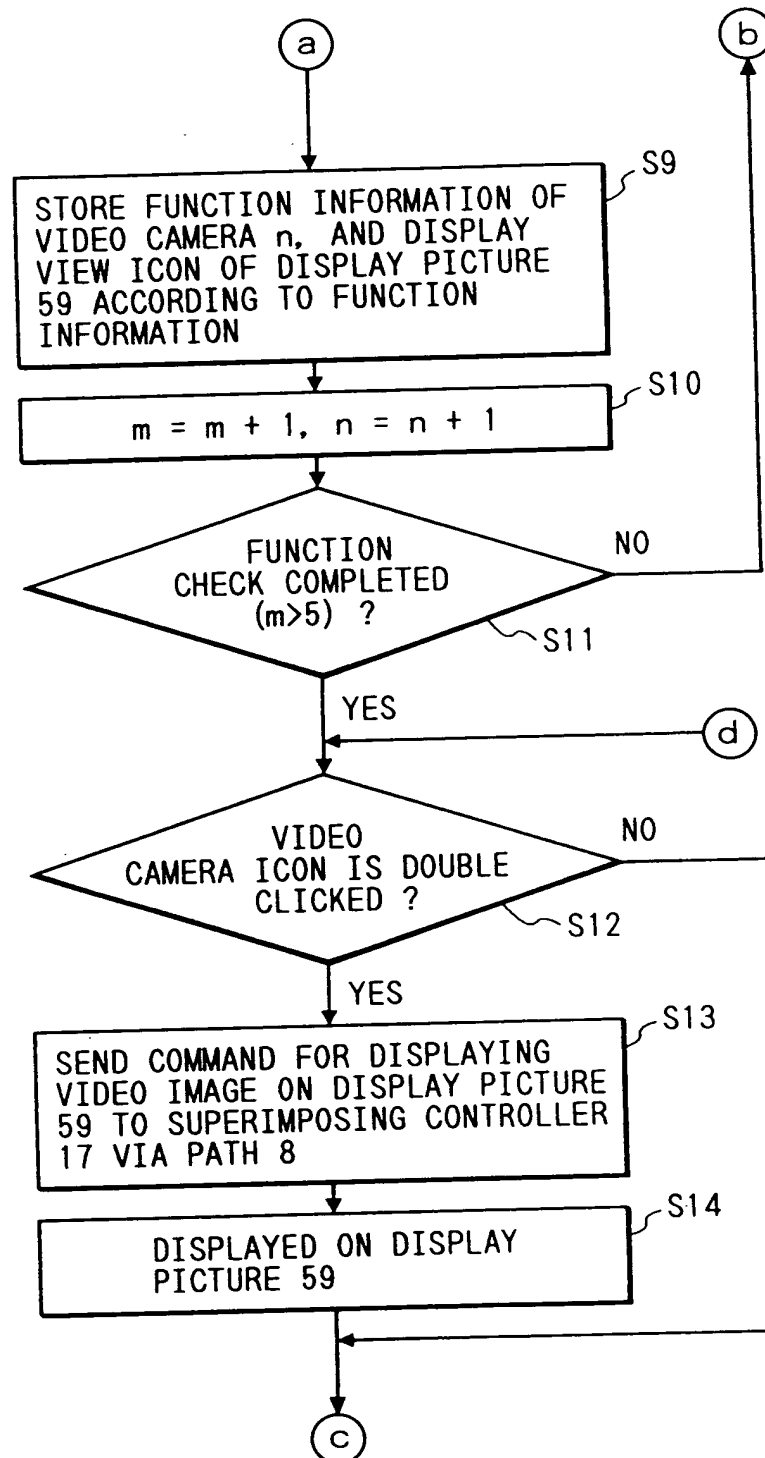


FIG. 13

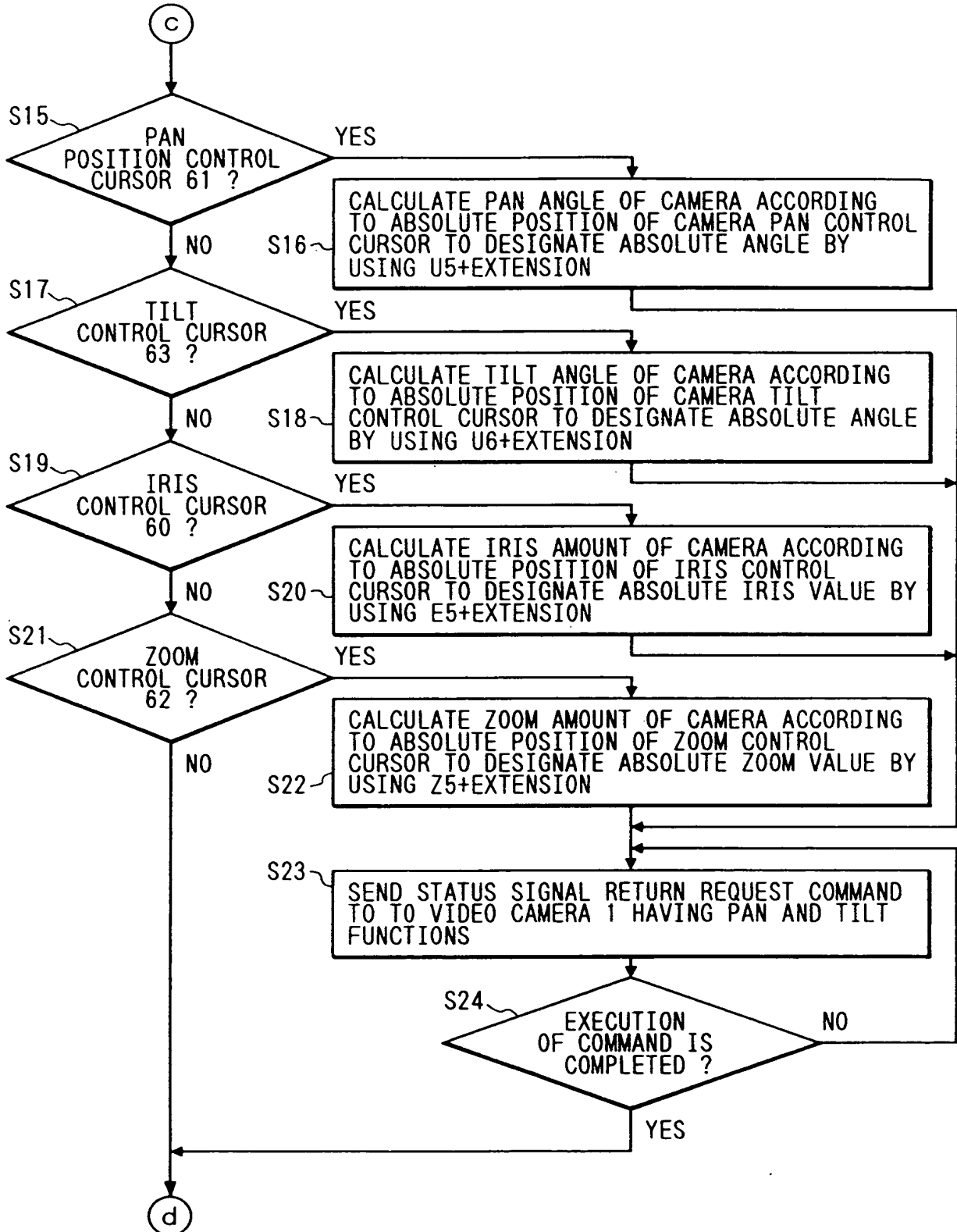


FIG. 14

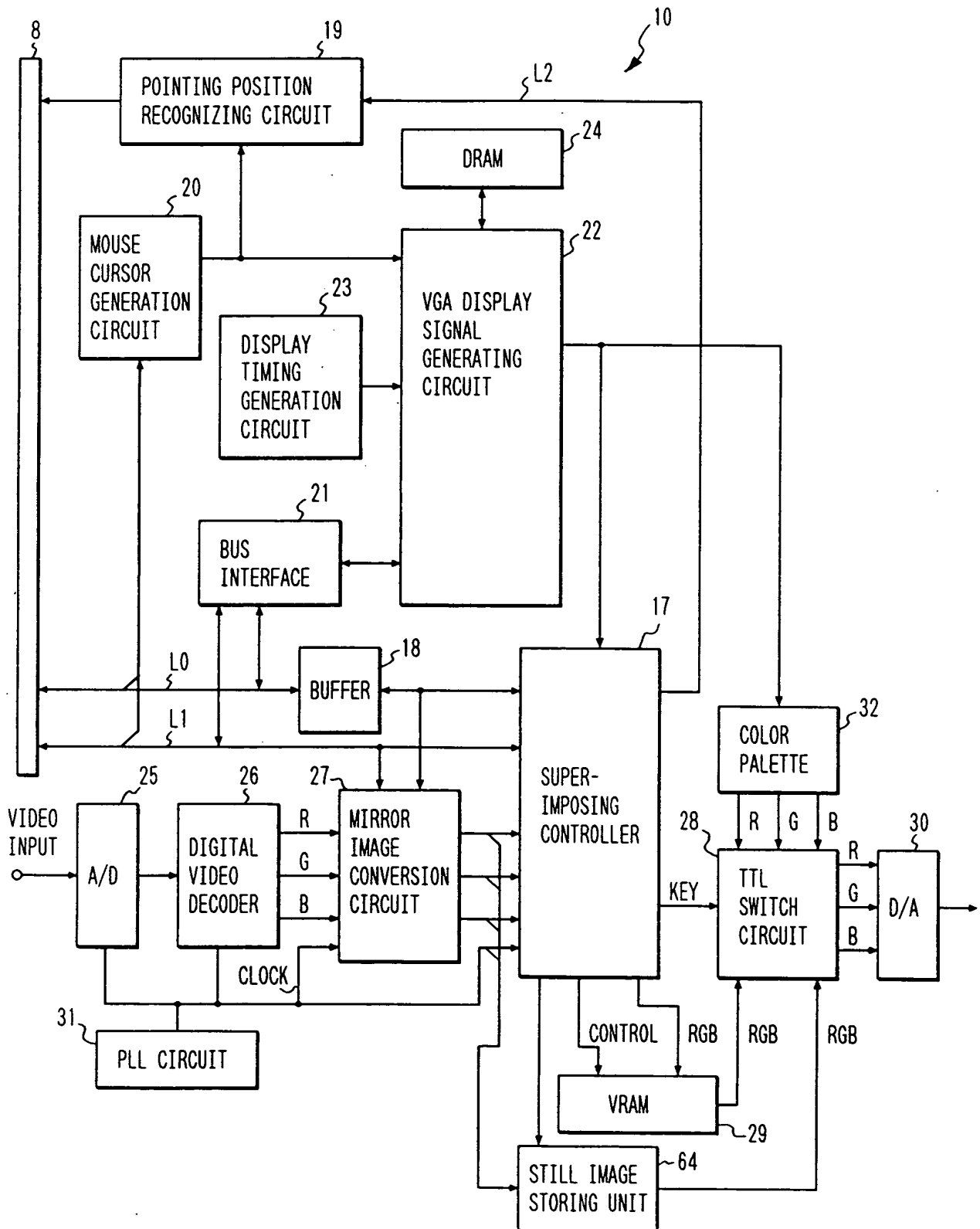


FIG. 15

PAN ANGLE ($+\alpha$)
TILT ANGLE (θ)
ZOOM ANGLE OF VIEW (W_1)
WINDOW DISPLAY SIZE
WINDOW DISPLAY START POINT (P_x, P_y)

FIG. 16

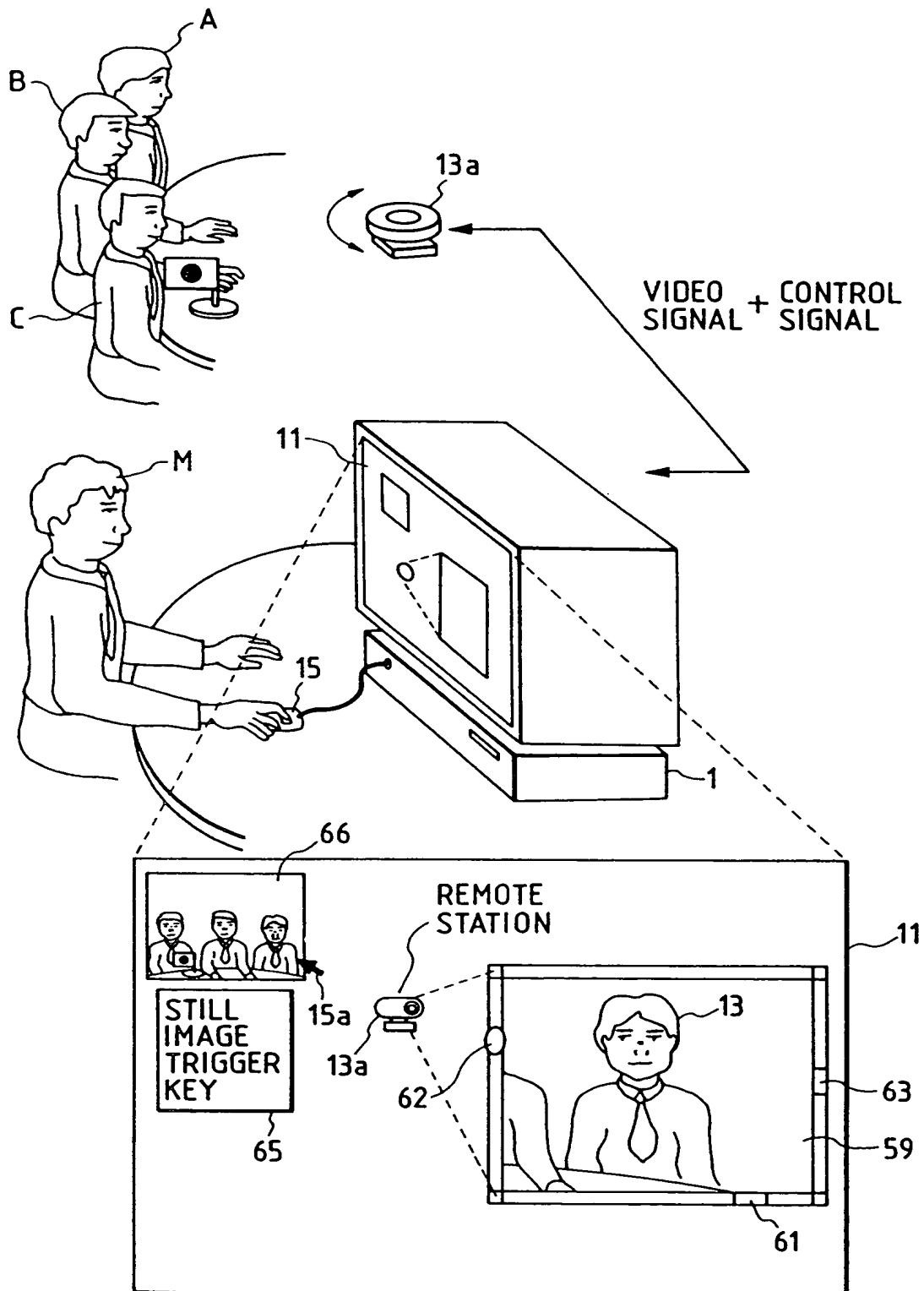


FIG. 17A

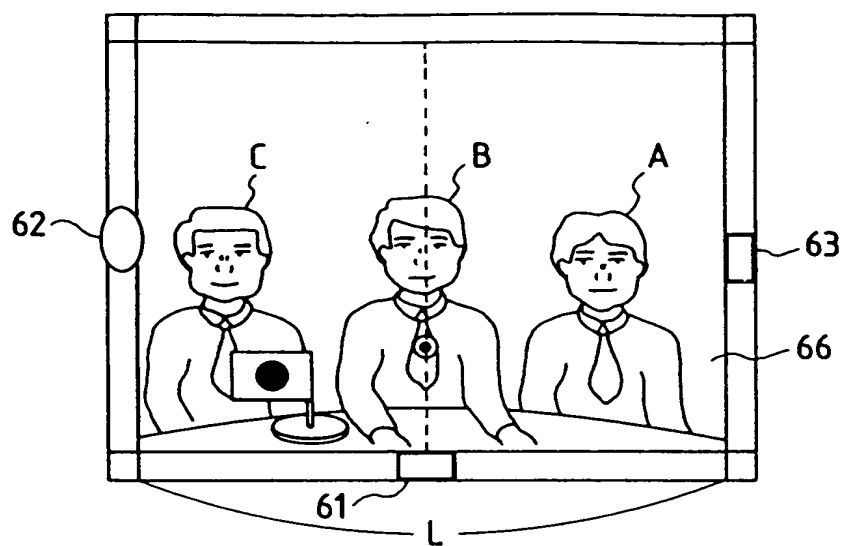


FIG. 17B

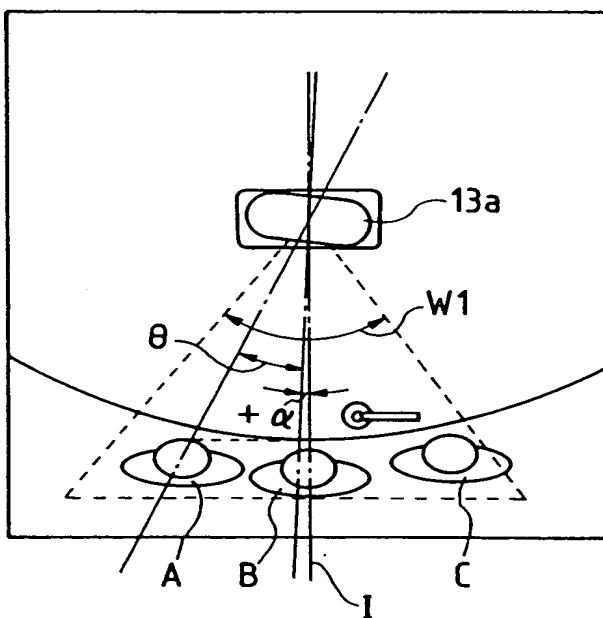


FIG. 18A

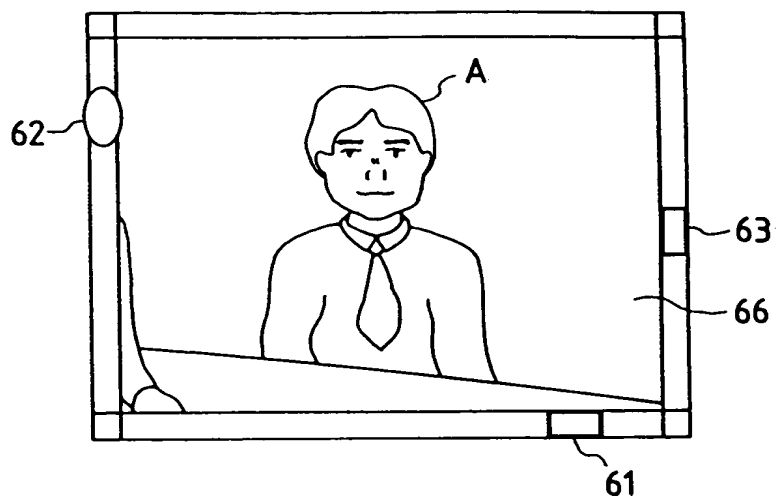


FIG. 18B

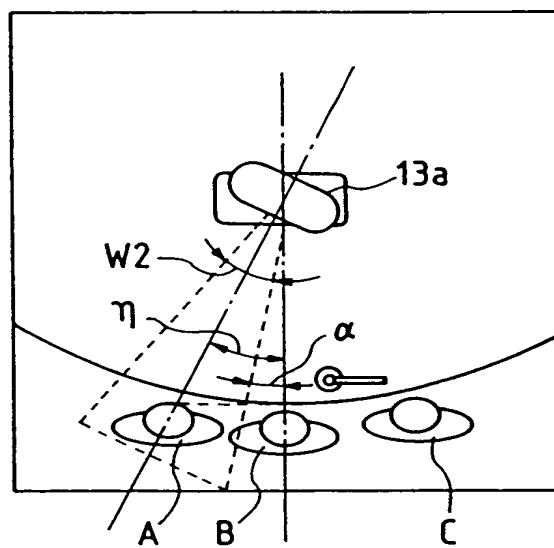


FIG. 19A

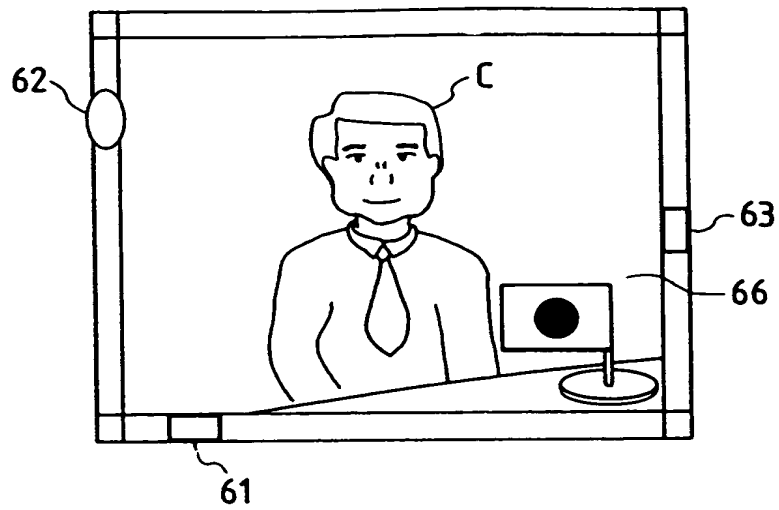


FIG. 19B

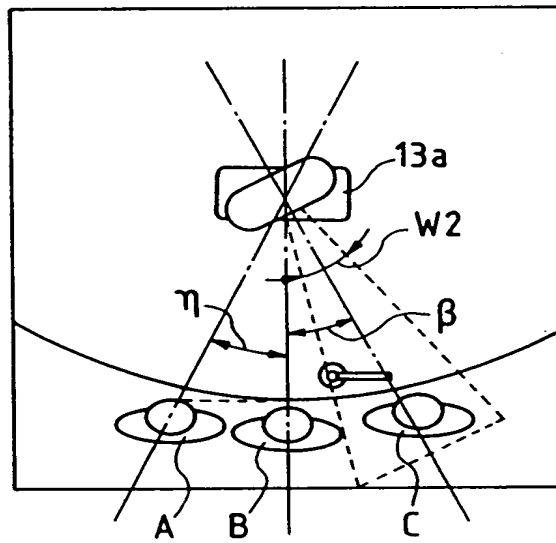


FIG. 20

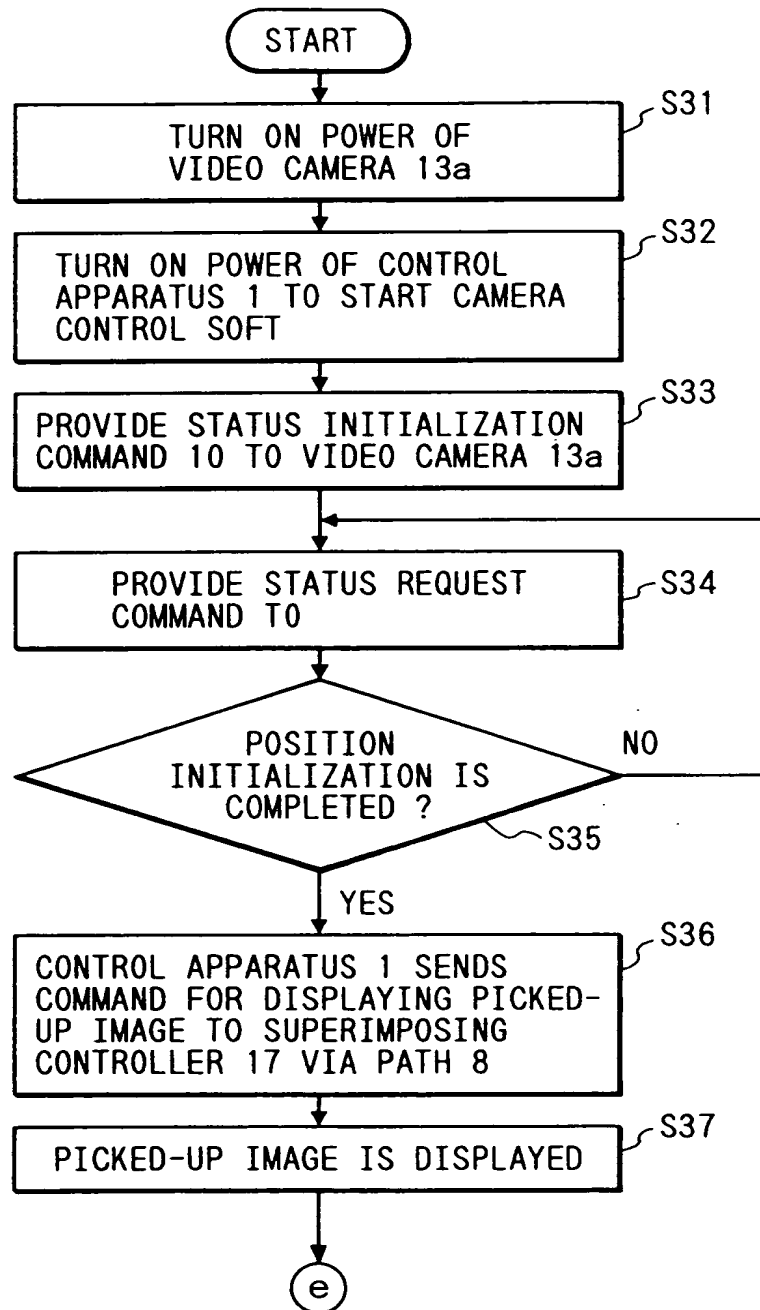


FIG. 21

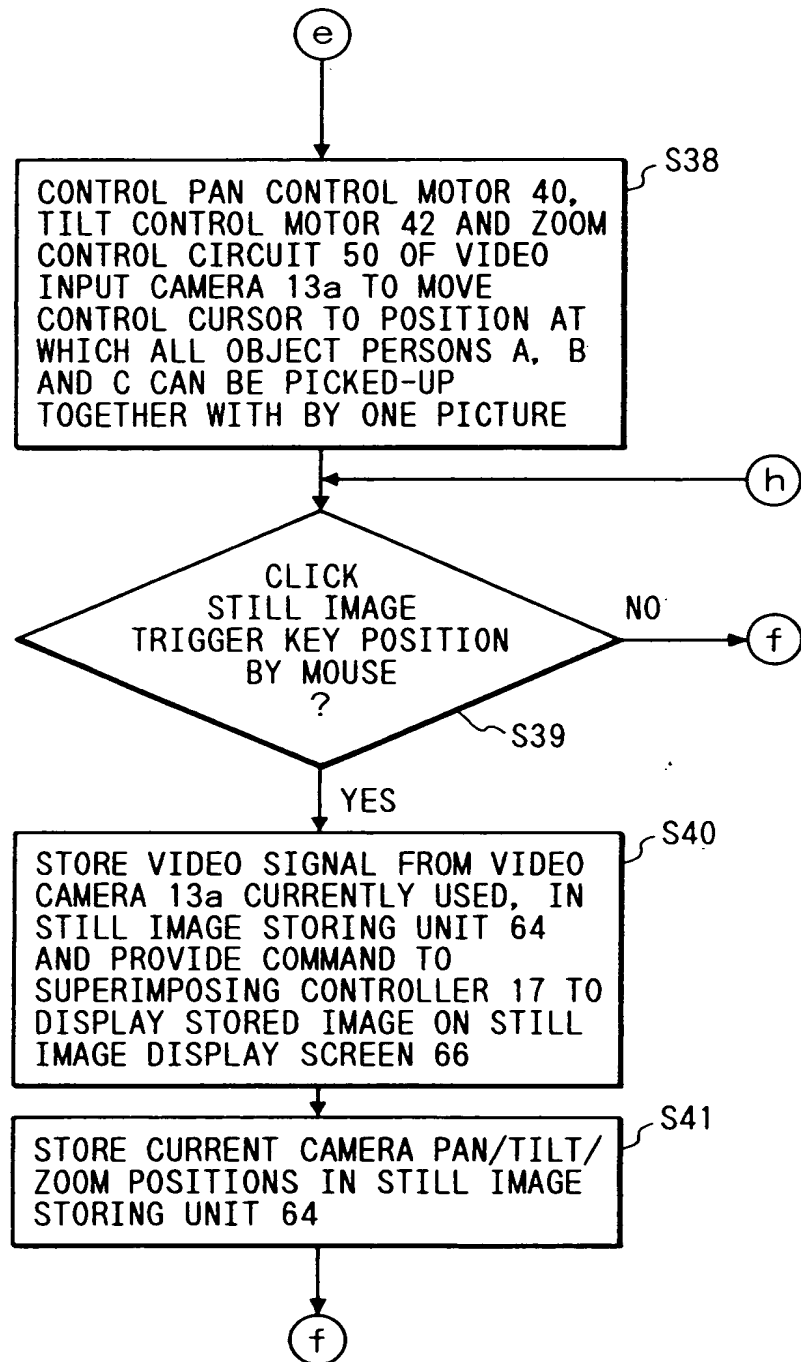


FIG. 22

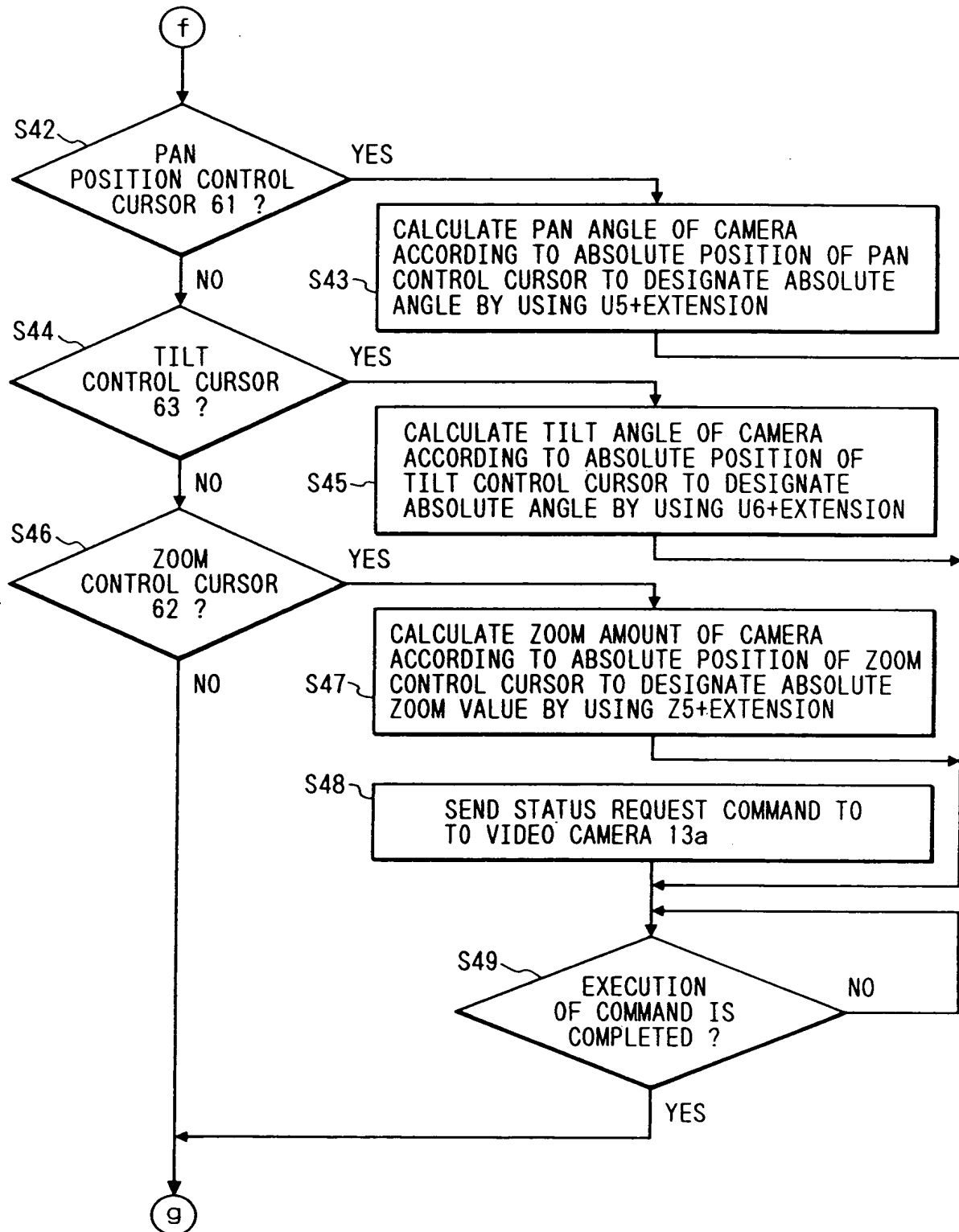


FIG. 23

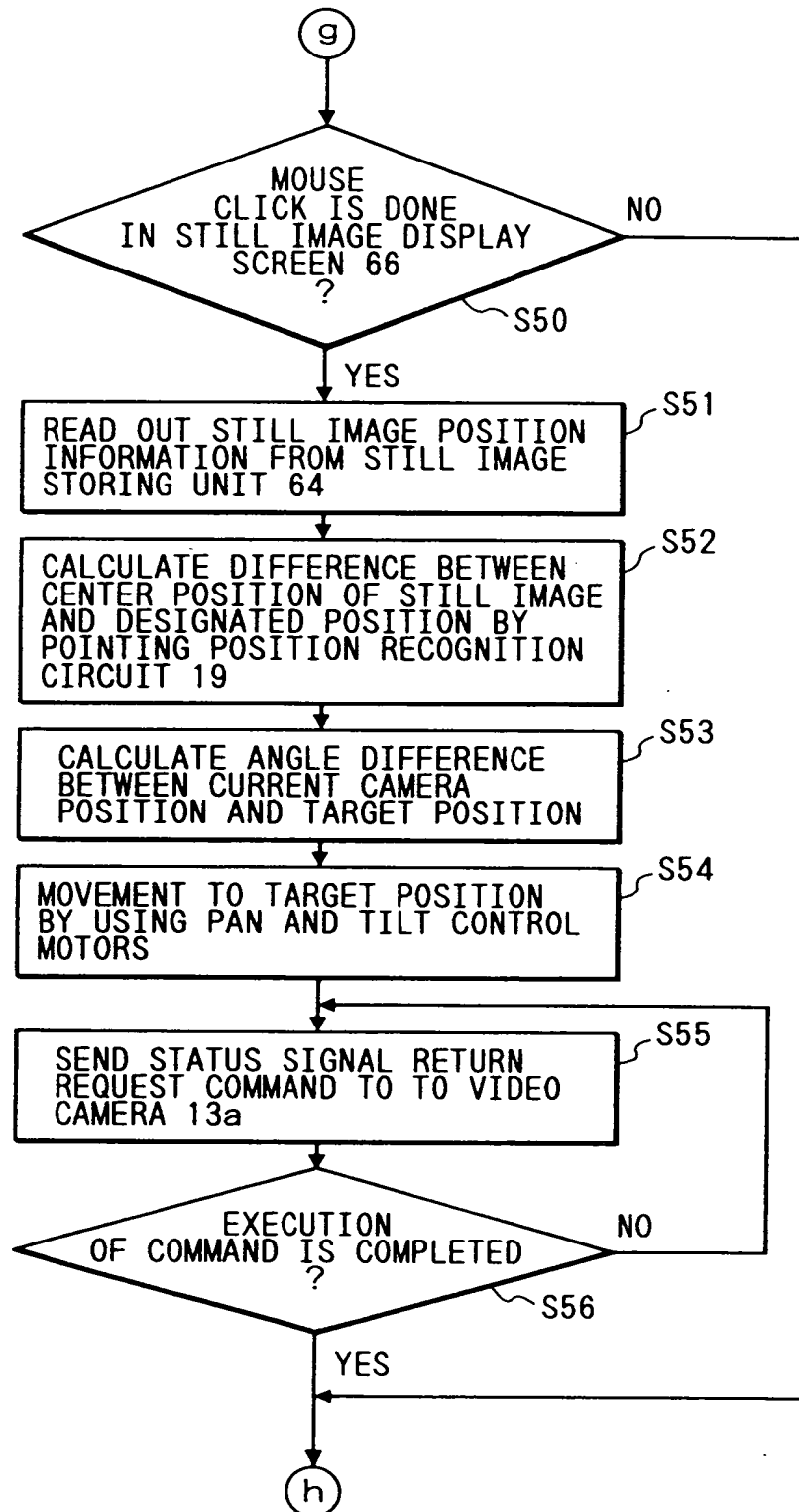


FIG. 24

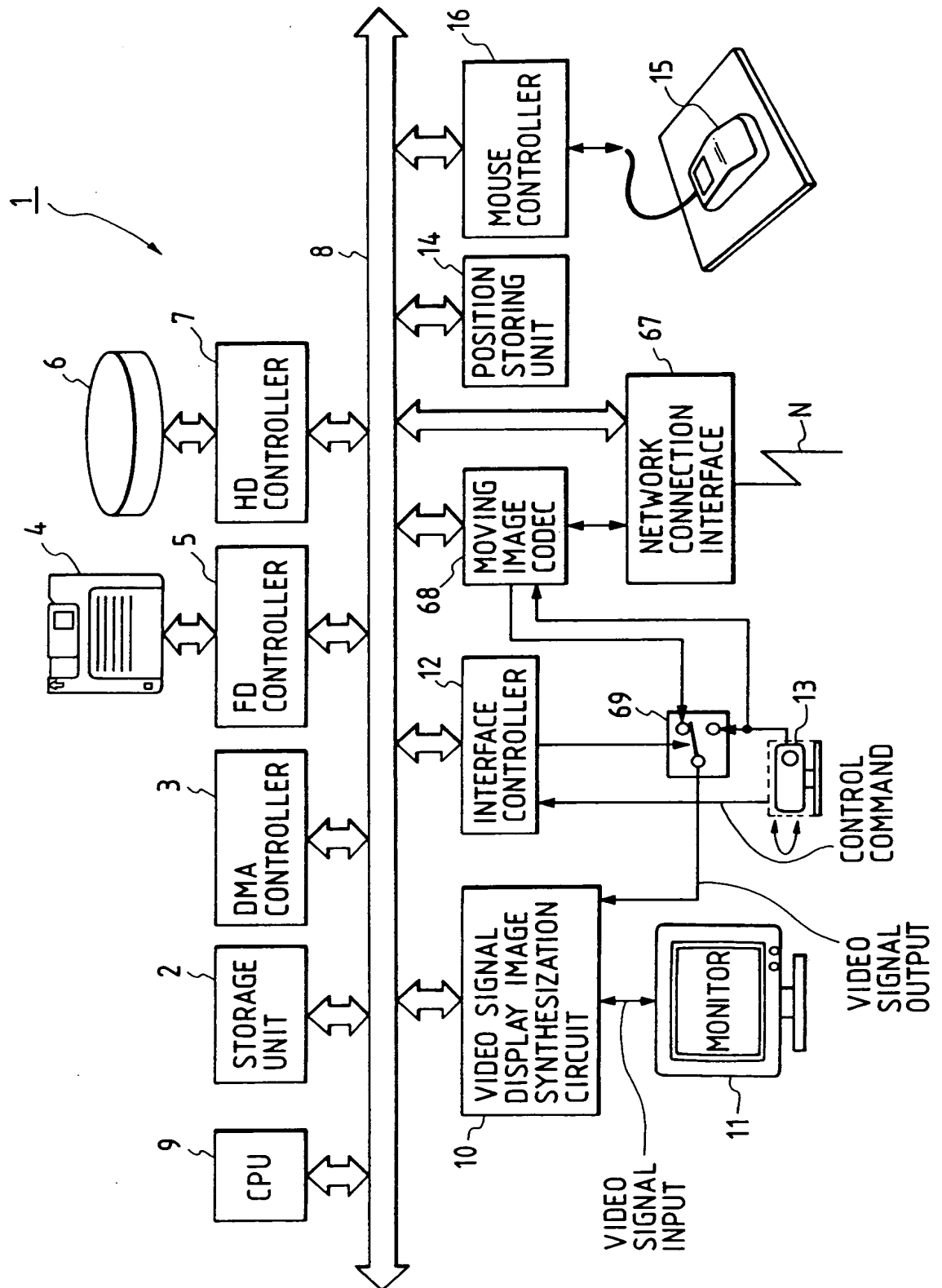


FIG. 25

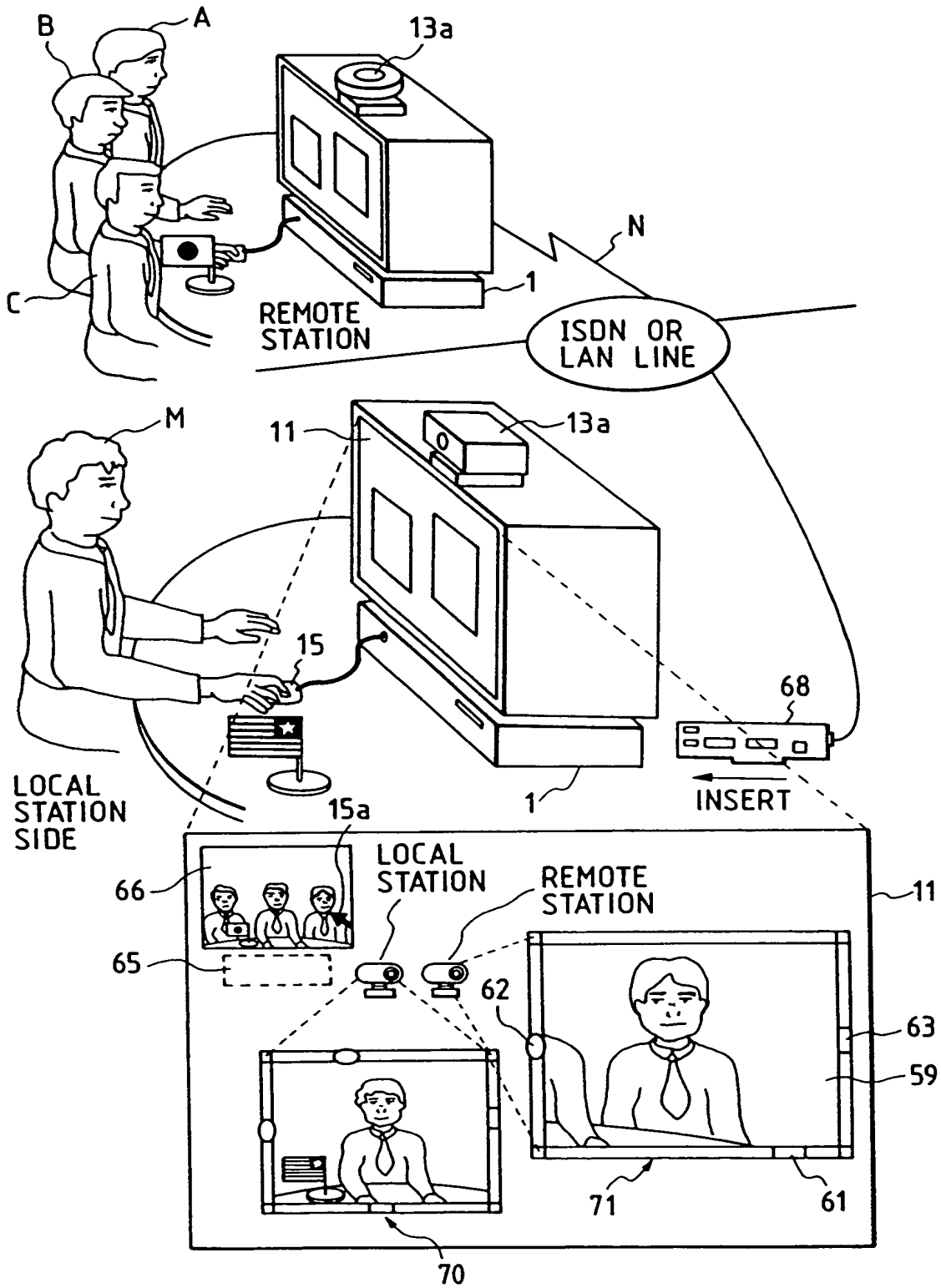


FIG. 26

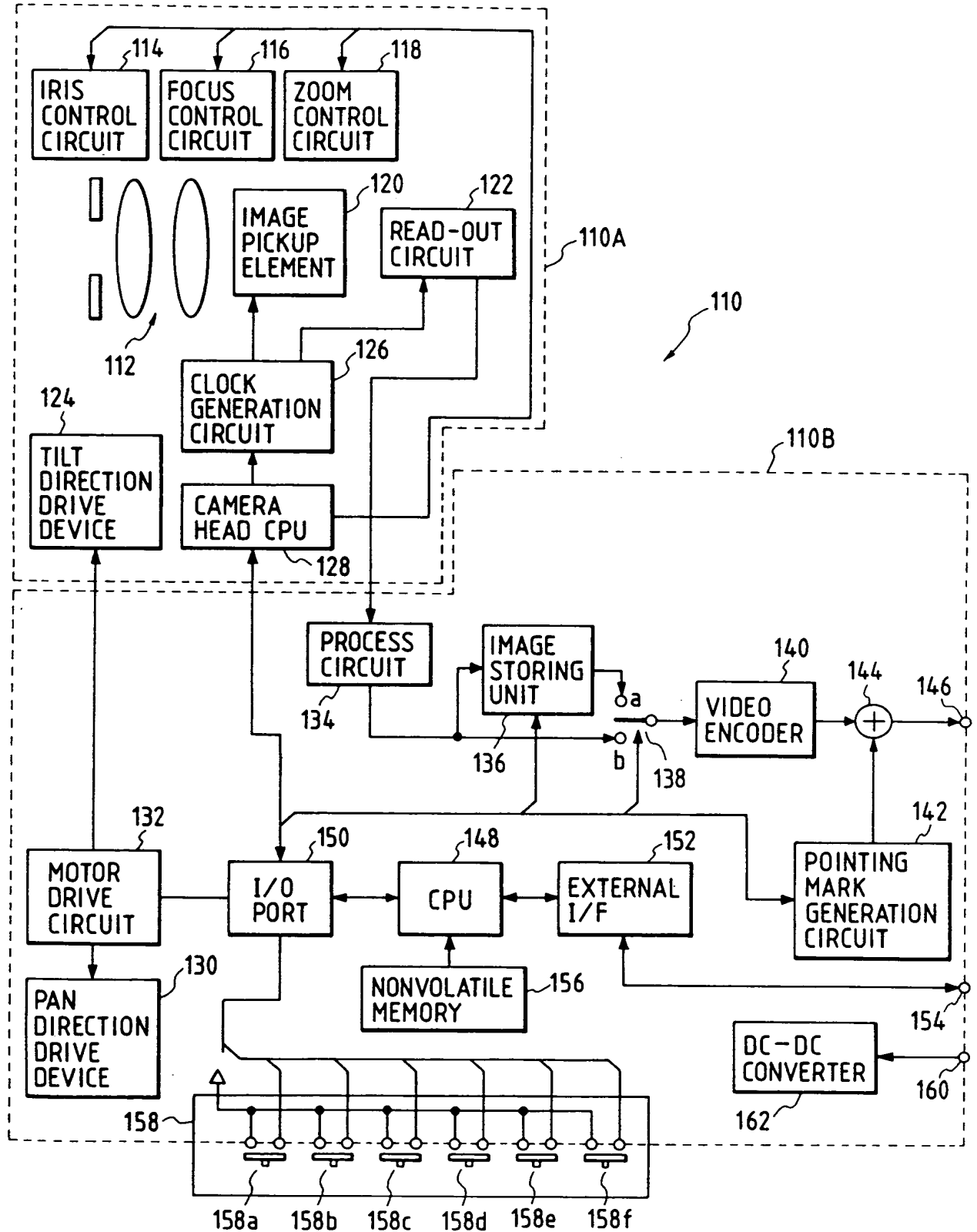


FIG. 27

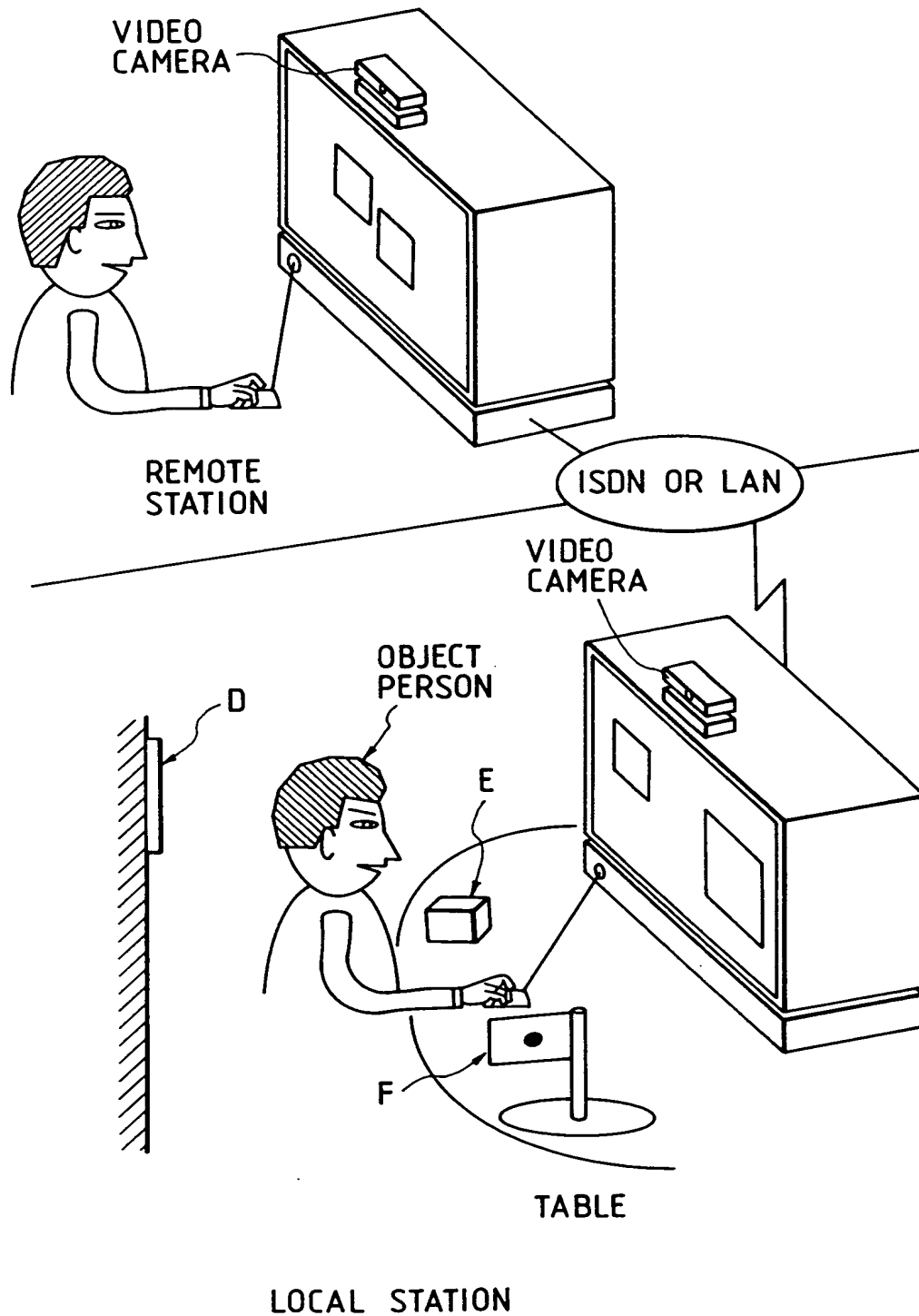


FIG. 28

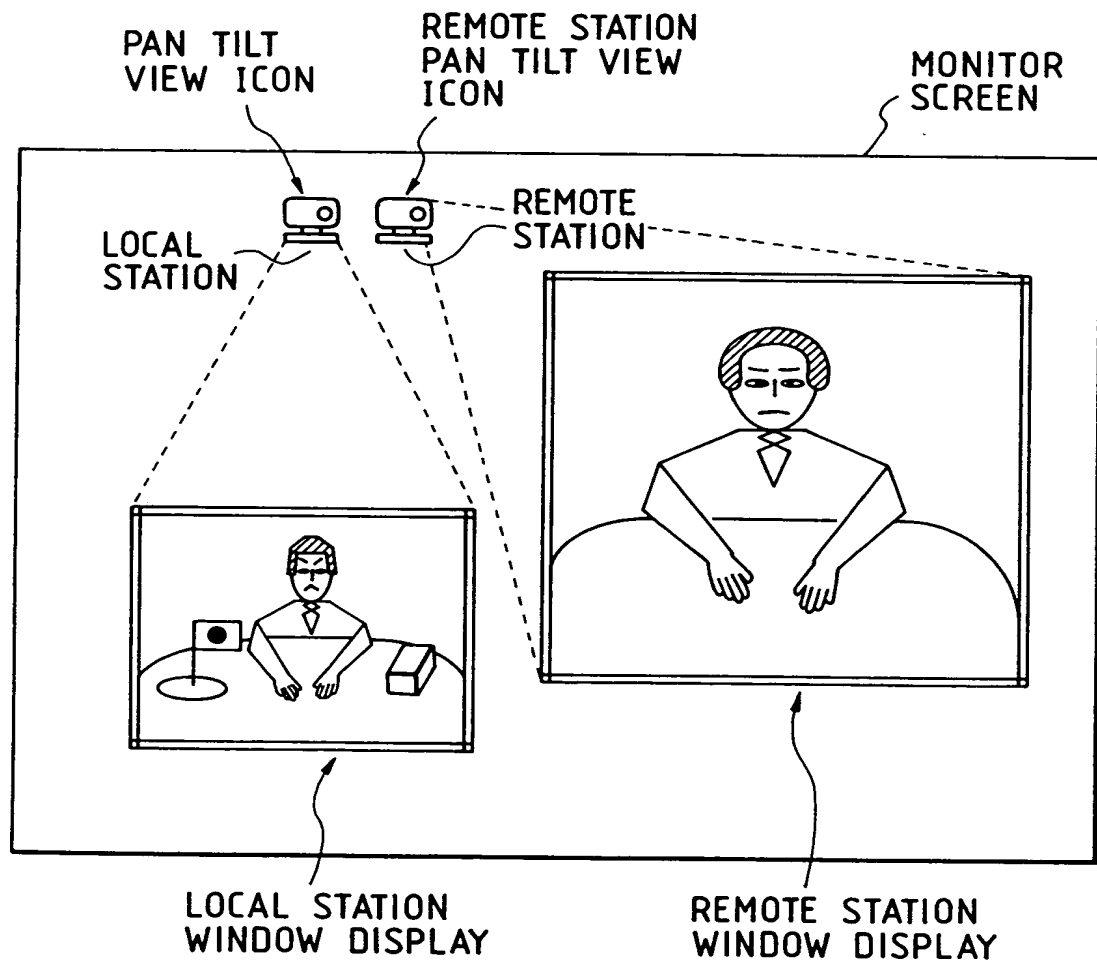


FIG. 30

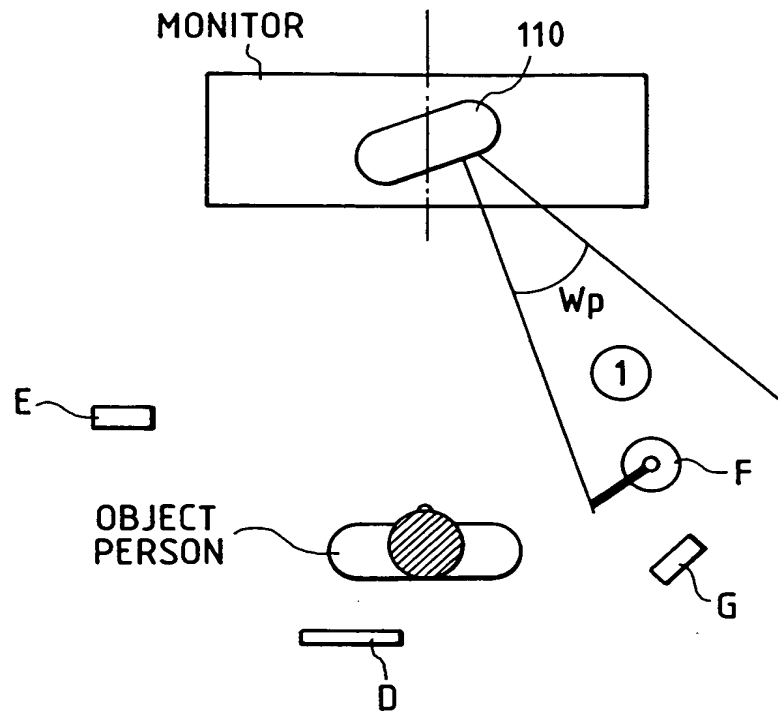


FIG. 31

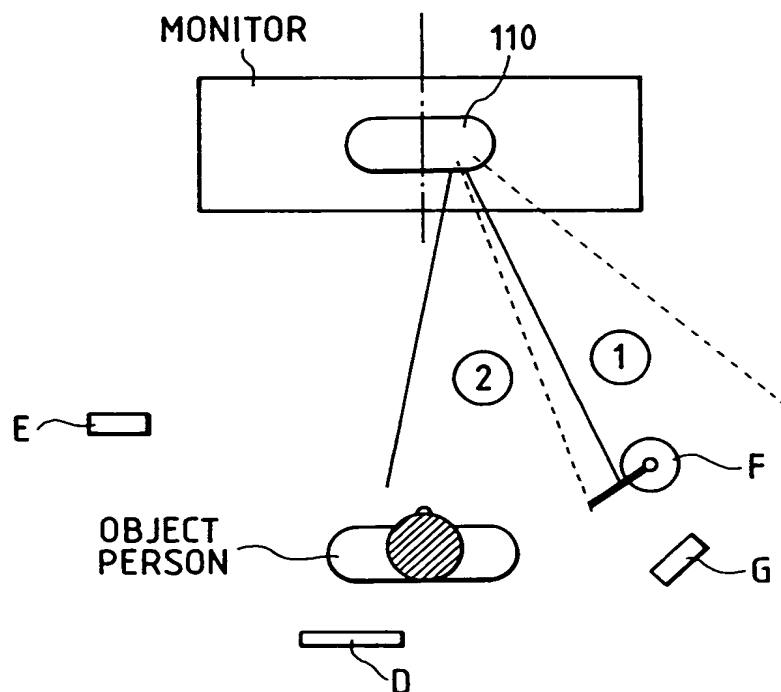


FIG. 32

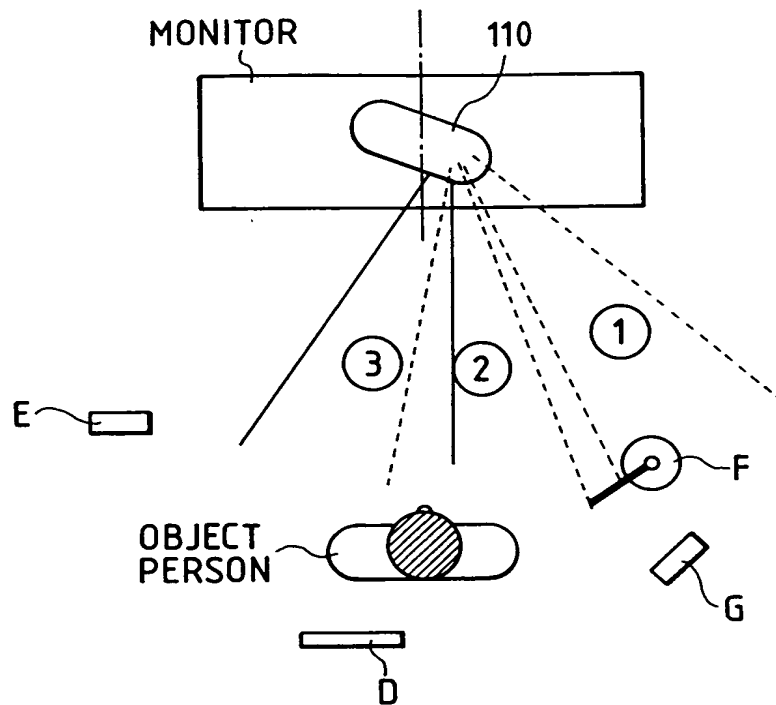


FIG. 33

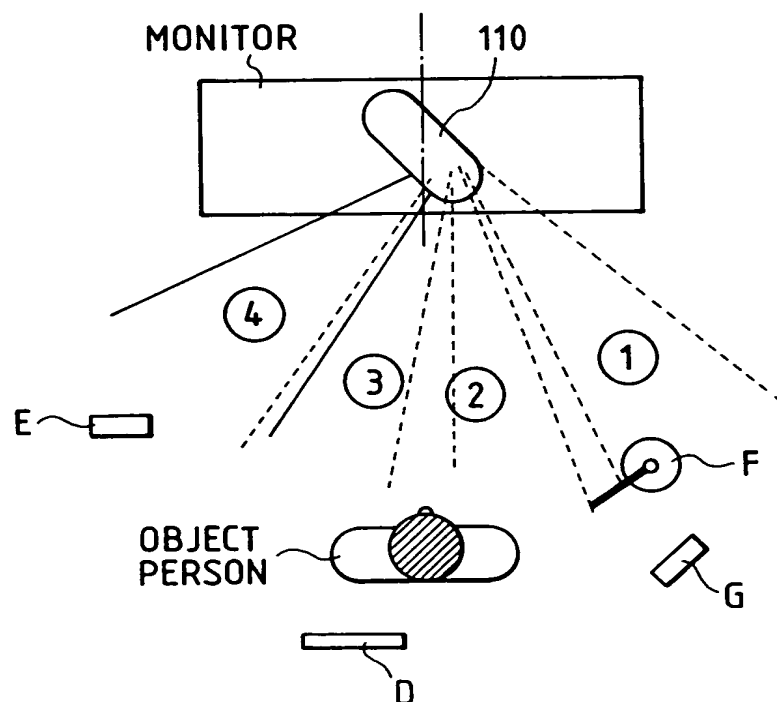


FIG. 34

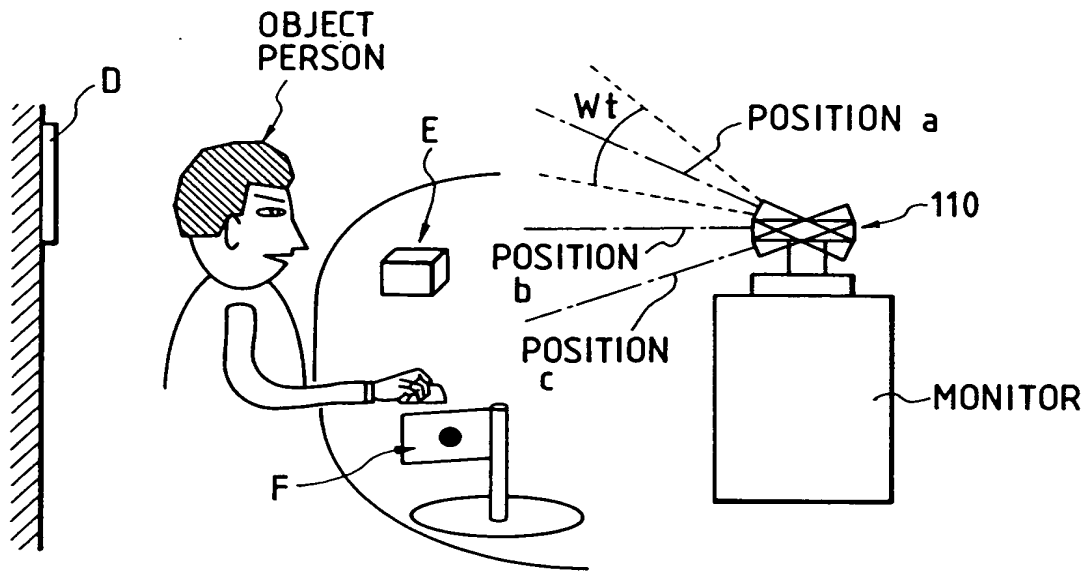


FIG. 35

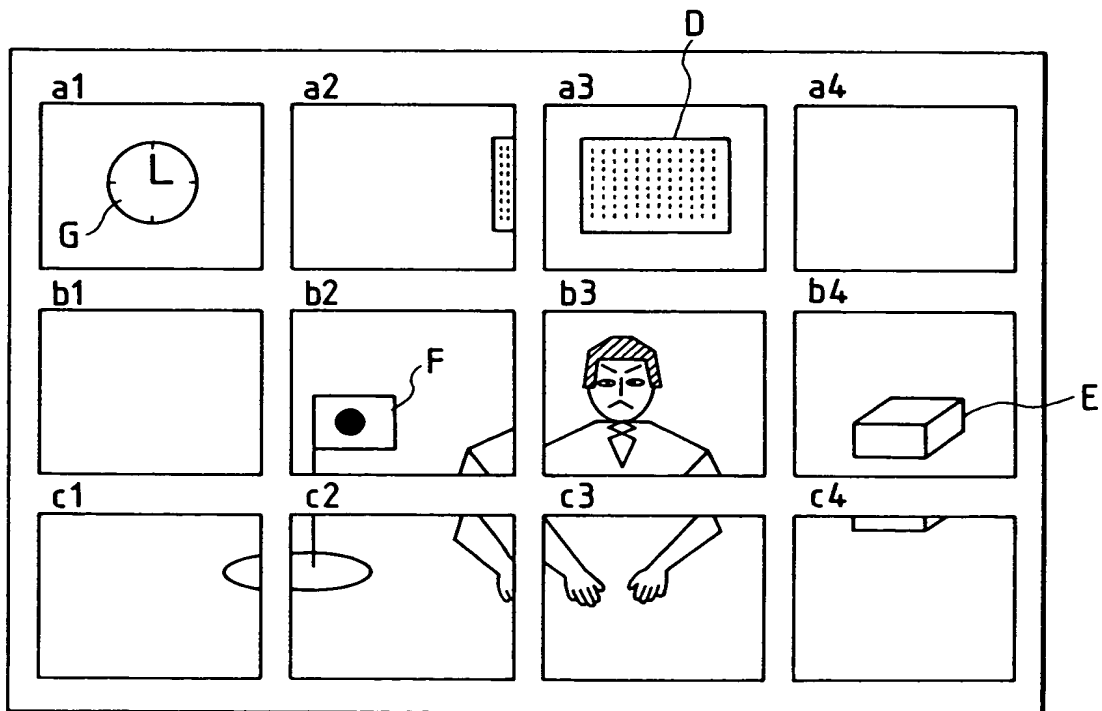


FIG. 36

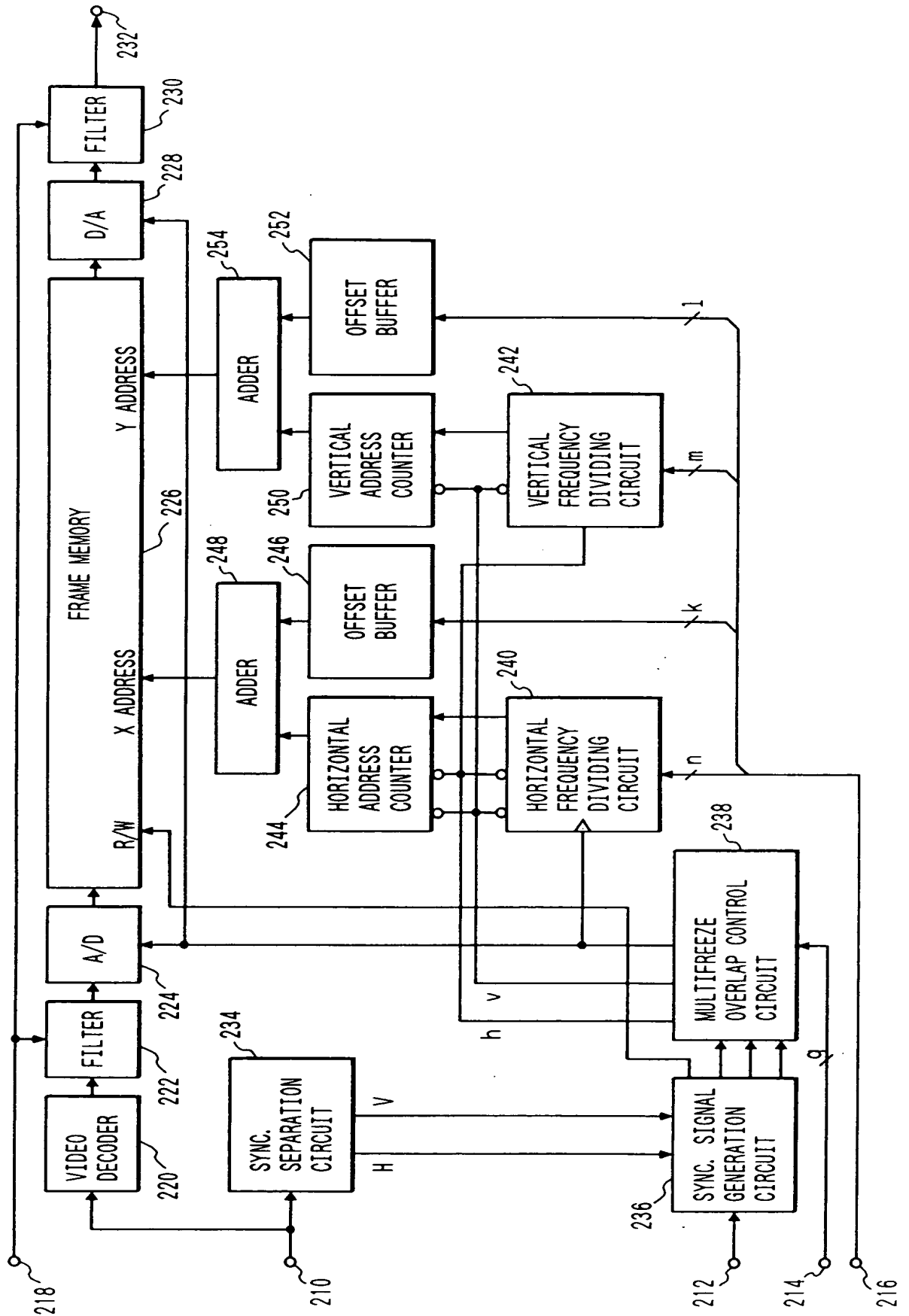


FIG. 37

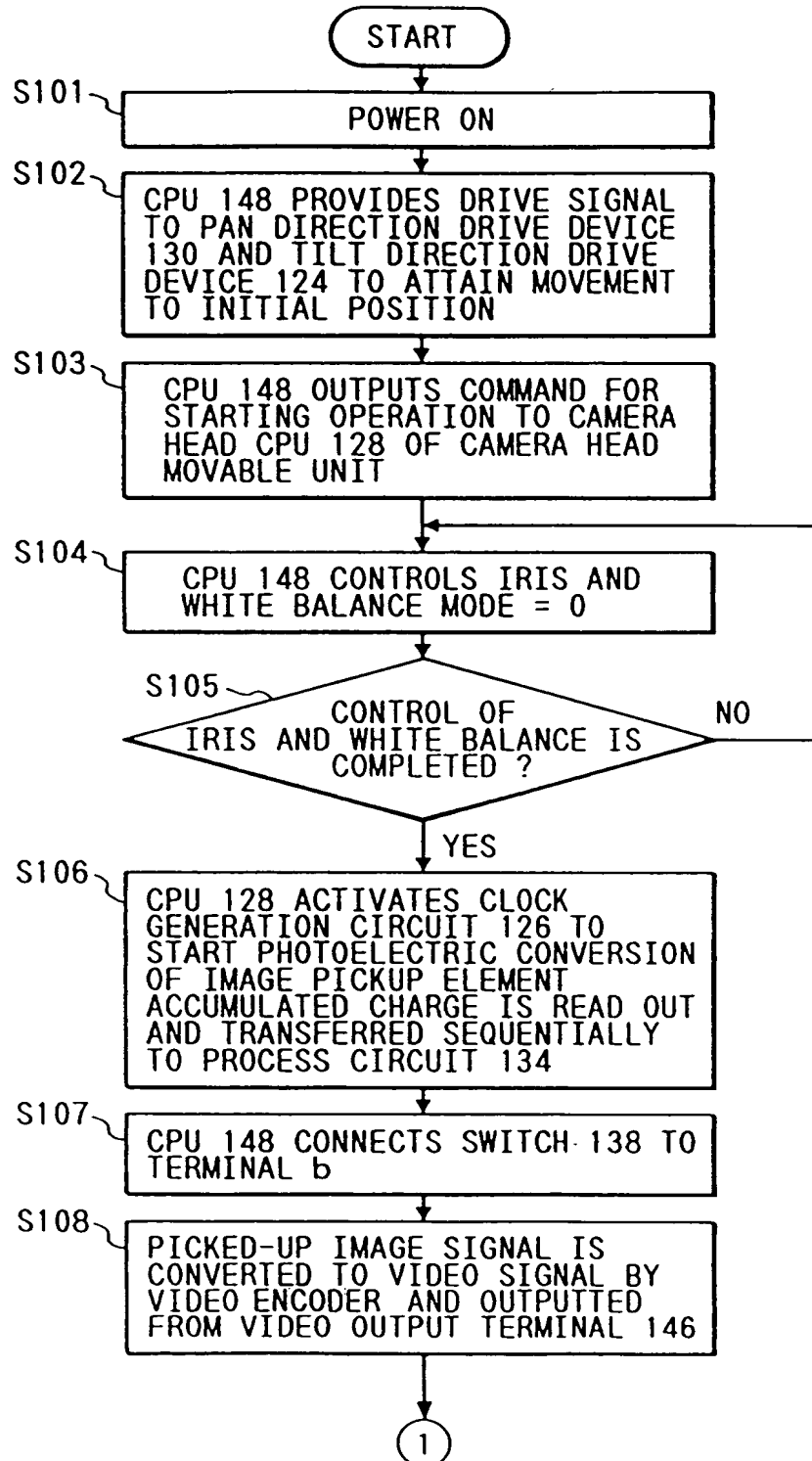


FIG. 38

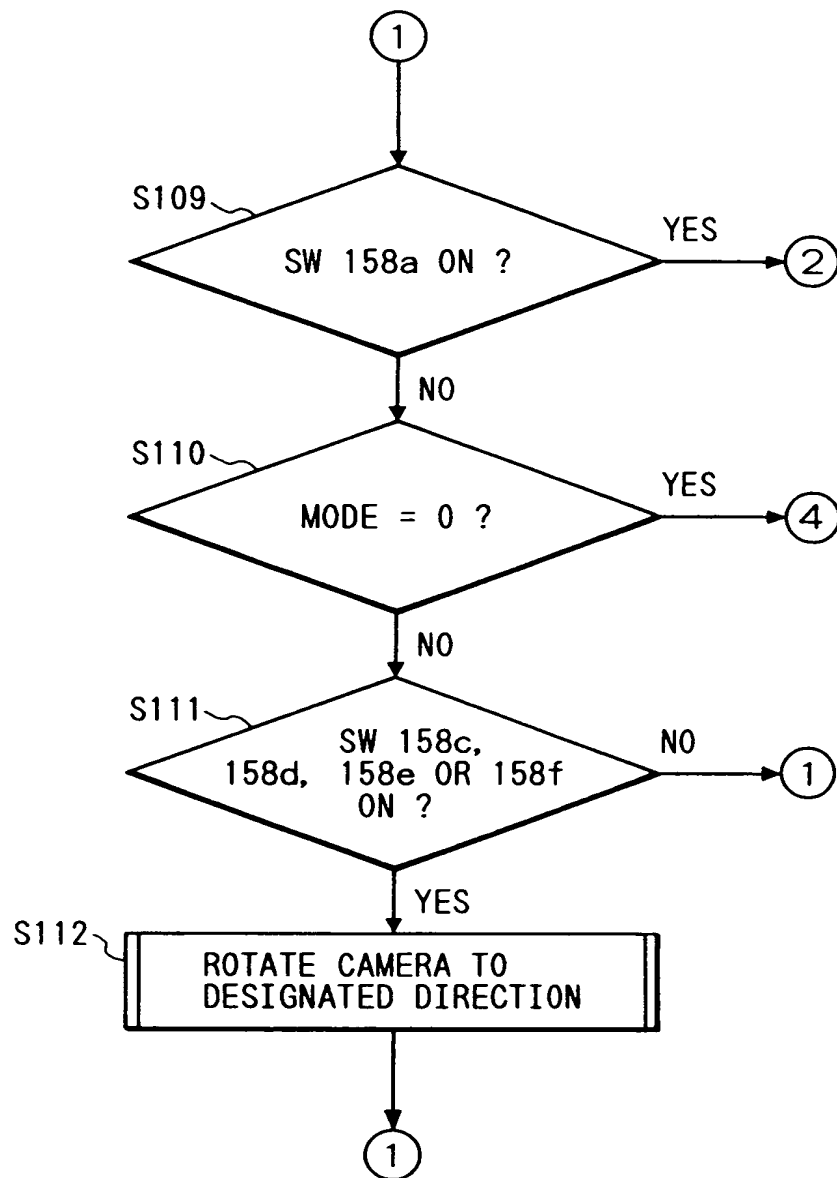


FIG. 39

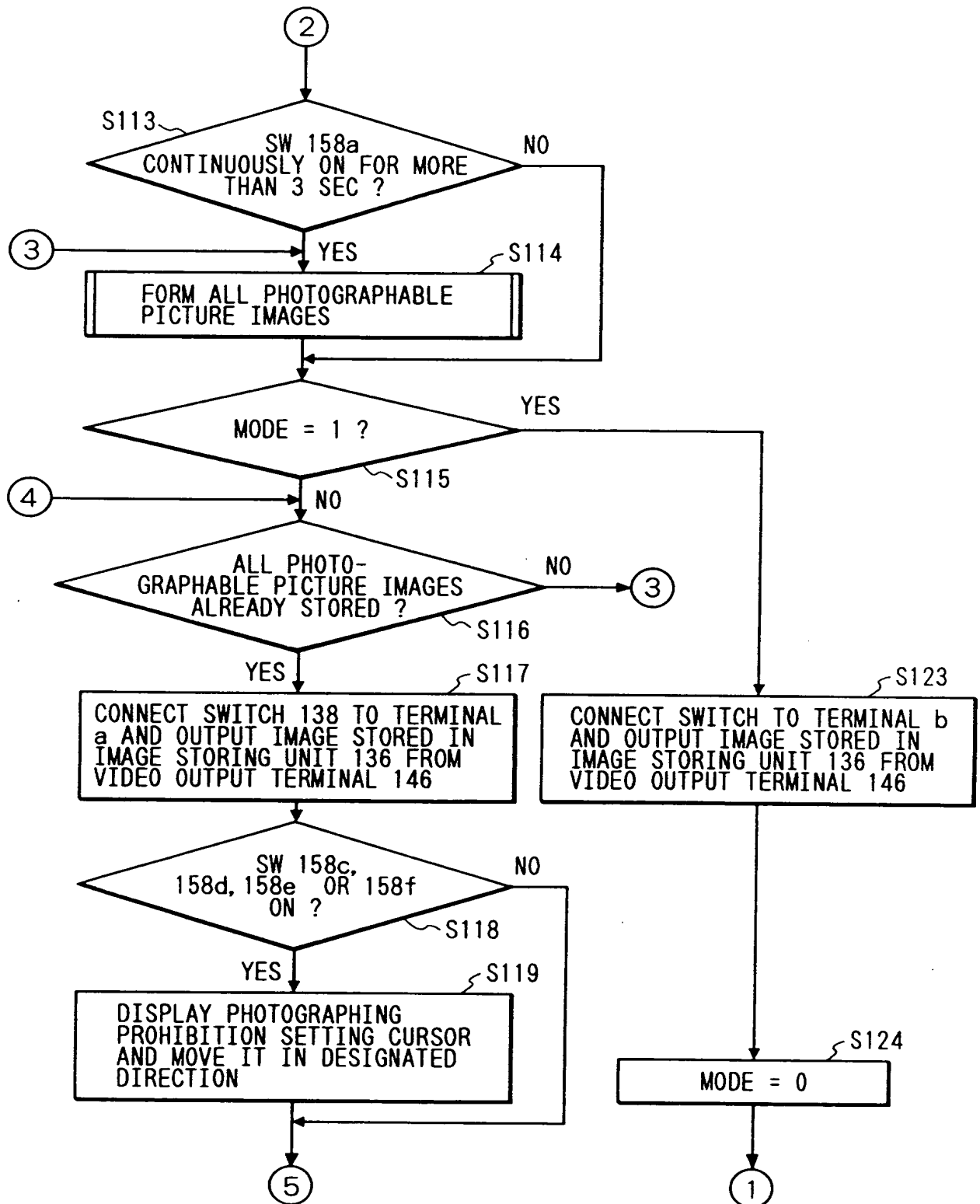


FIG. 40

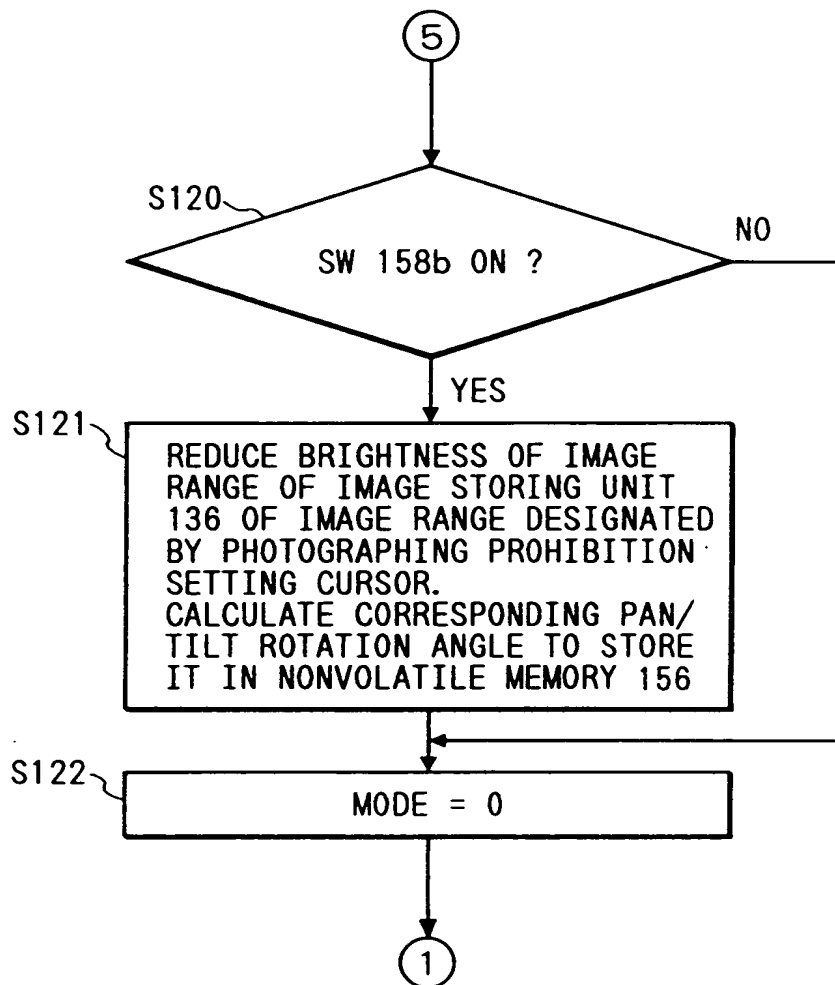


FIG. 41

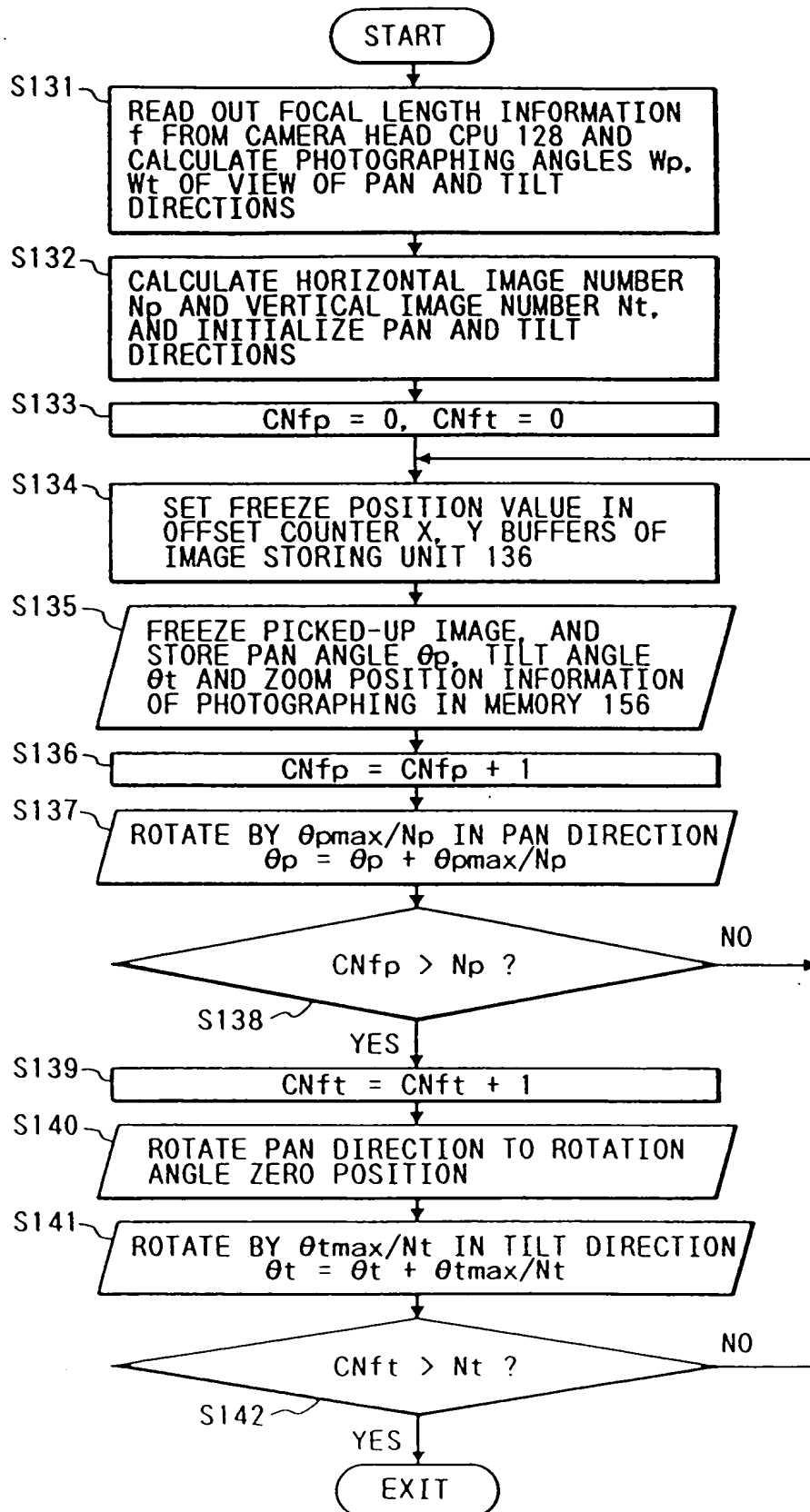


FIG. 42

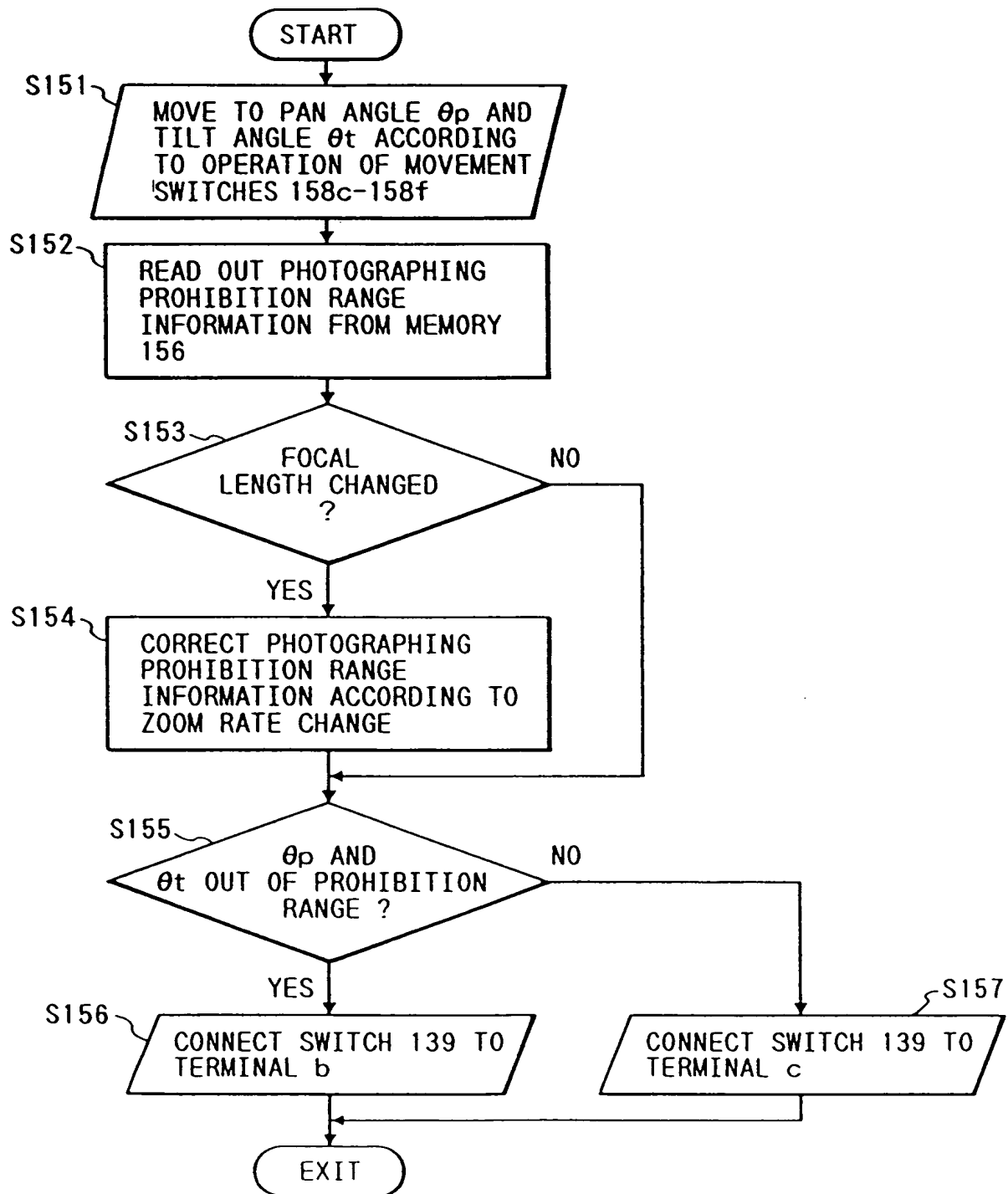


FIG. 43

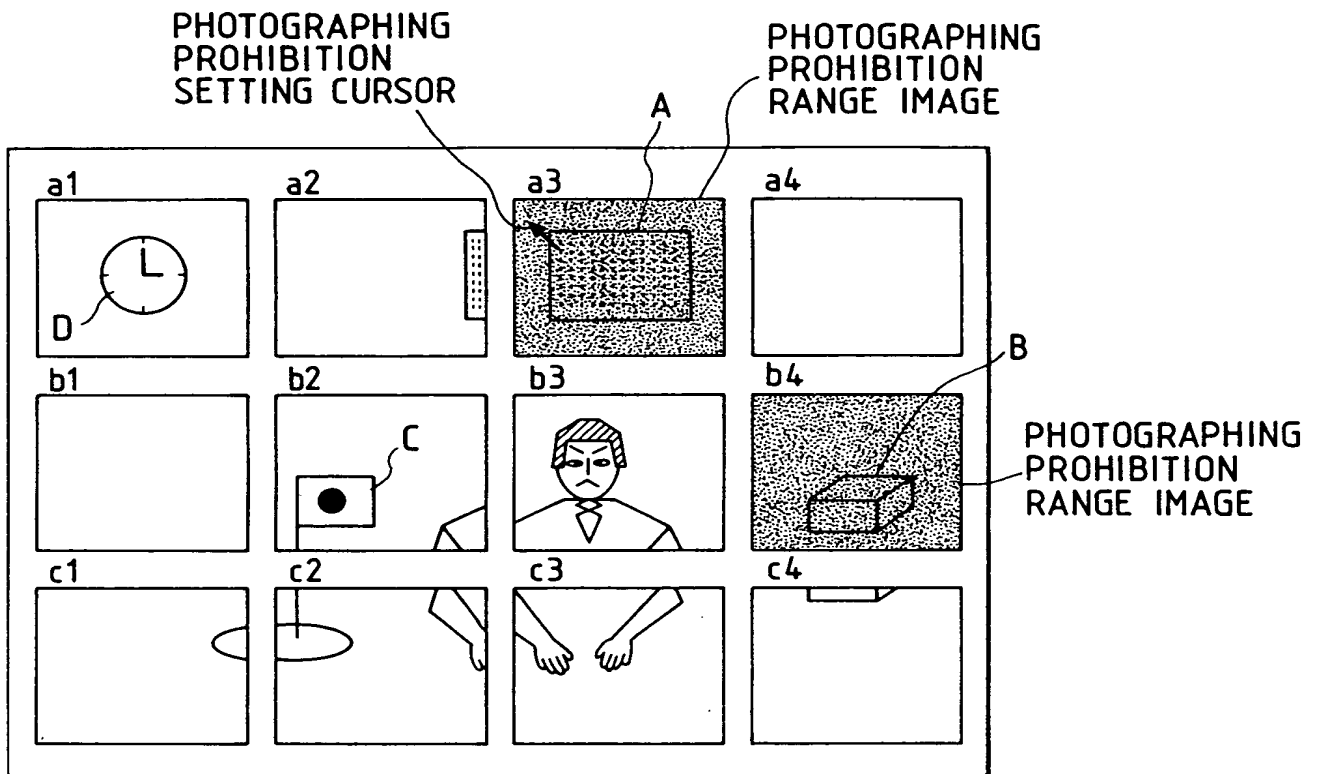


FIG. 44

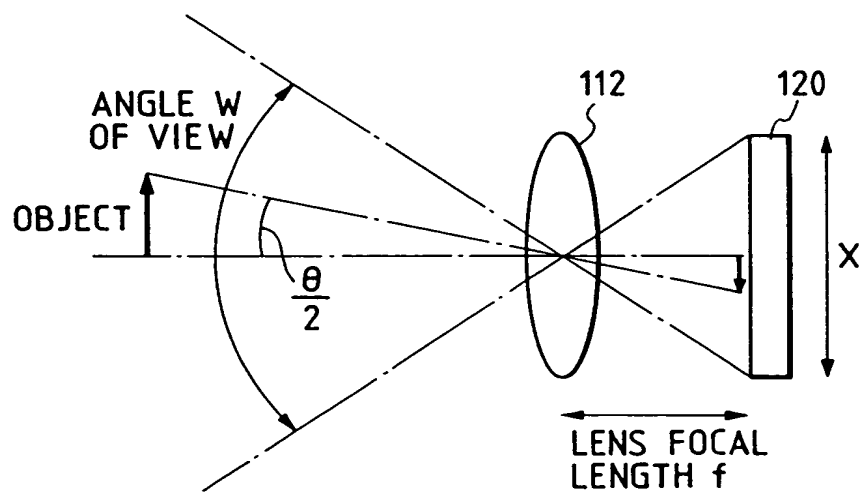


FIG. 45

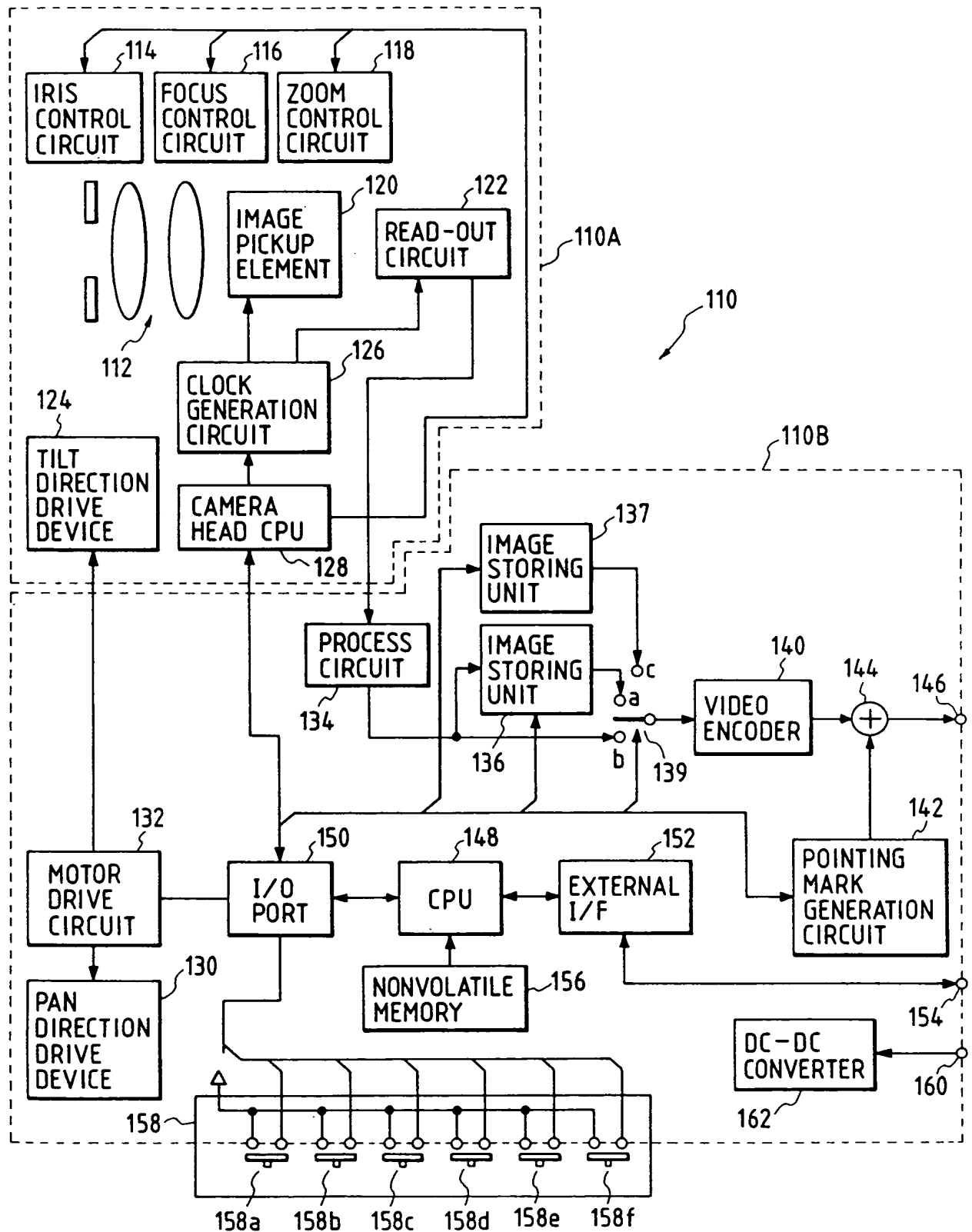


FIG. 46

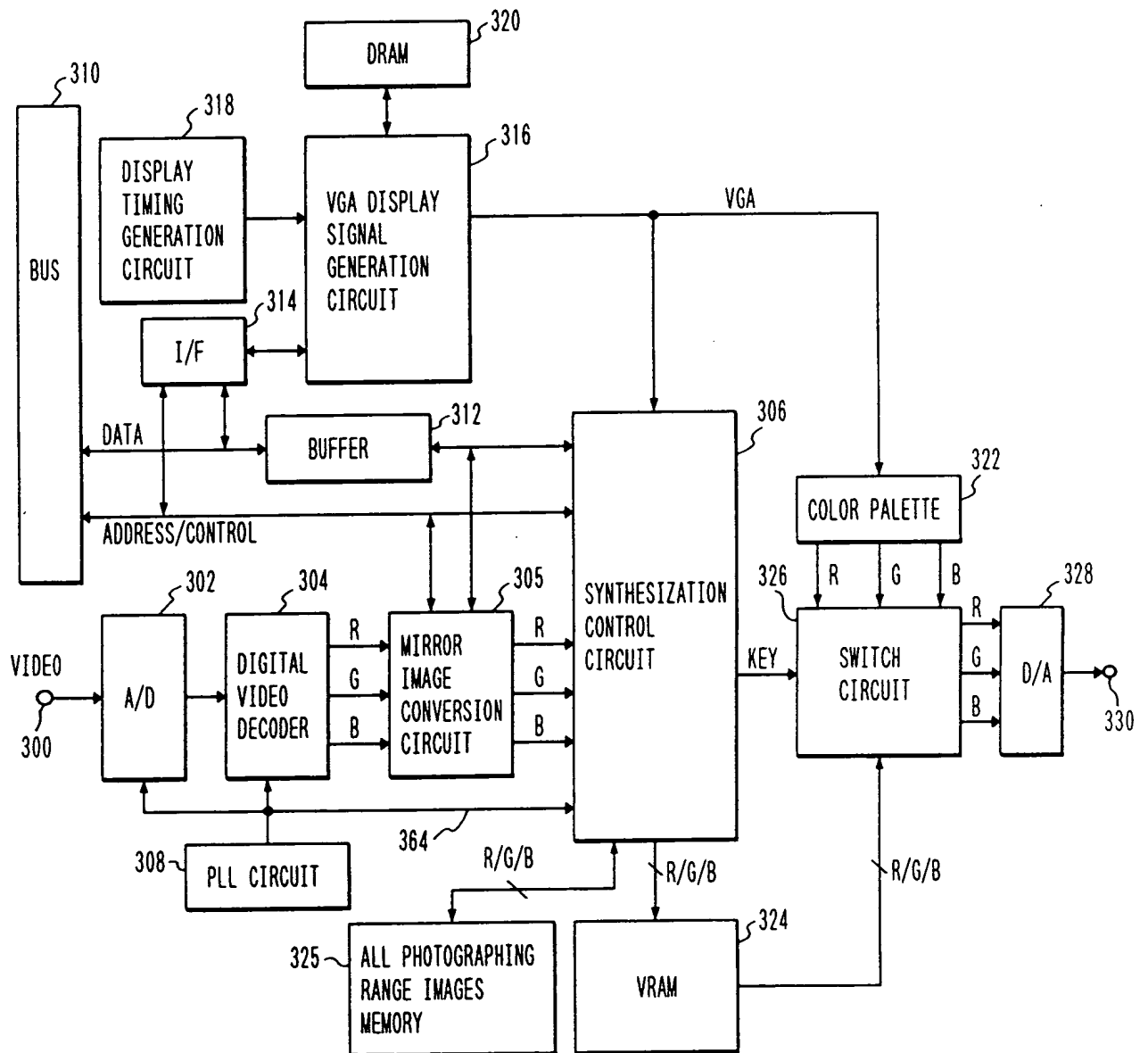


FIG. 47

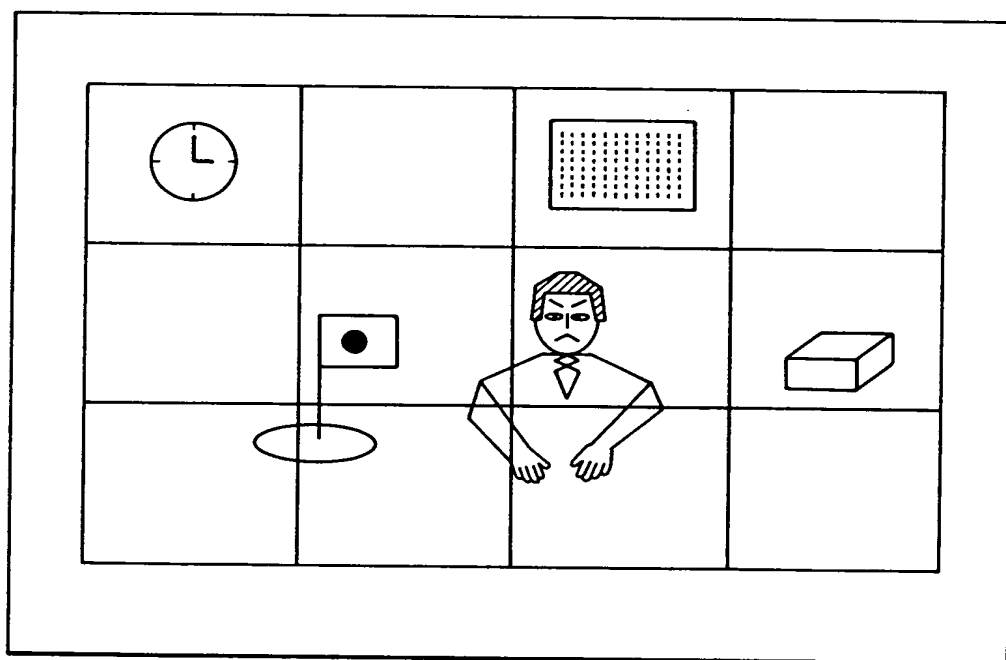
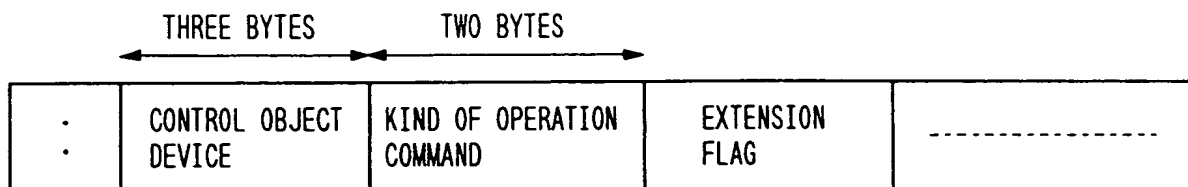


FIG. 48



CONTROL OBJECT DEVICE: V21 ---- FOR CAMERA INPUT 1

V22 ---- FOR CAMERA INPUT 2

⋮

OPERATION COMMAND: F0 ----- FOCUS MODE AUTO SETTING

F1 ----- FOCUS MANUAL SETTING

F2 ----- FOCUS POSITION LONG DISTANCE SETTING

F3 ----- FOCUS NEAR DISTANCE SETTING

E0 ----- IRIS MODE AUTO SETTING

E1 ----- IRIS MANUAL SETTING

E2 ----- IRIS LIGHT AMOUNT REDUCING MODE SETTING

E3 ----- IRIS LIGHT AMOUNT INCREASING MODE SETTING

T0 ----- STATUS SIGNAL RETURN REQUEST

Z0 ----- ZOOM-UP SETTING

Z1 ----- ZOOM-OUT SETTING

Z2 ----- SETTING OF ZOOM MOVEMENT TO STORED POSITION (USE EXTENSION)

U0 ----- TRIPOD PAN CLOCKWISE ROTATION SETTING

U1 ----- TRIPOD PAN COUNTERCLOCKWISE ROTATION SETTING

U2 ----- TRIPOD TILT UPPER DIRECTION SETTING

U3 ----- TRIPOD TILT LOWER DIRECTION SETTING

U7 ----- ENTIRE PHOTOGRAPHING PICTURE PLANE DISPLAY COMMAND

U8 ----- PHOTOGRAPHING PROHIBITION SETTING COMMAND

U9 ----- MOVE-TO-LEFT COMMAND

U10 ----- MOVE-TO-RIGHT COMMAND

U11 ----- MOVE-UP COMMAND

U12 ----- MOVE-DOWN COMMAND